



gesis® IP+
Pluggable Electrical Installation
IP65 to IP68
Catalog 2011





▲ Sales and Marketing Center in Bamberg



▲ Photo of the Bamberg headquarters



▲ STOCKO headquarters in Wuppertal



wieland group

ACTIVE WORLDWIDE

With its staff of almost 2,200 employees, the Wieland Group is at home on all continents.

Subsidiaries in Great Britain, France, Spain, Italy, Poland, Canada, the USA, China, and Denmark speak for themselves. With a great number of representatives, Wieland Holding is active in almost all strategically important countries. Just a medium size global player with a clear commitment to the German location where most of the products are still manufactured.



-  **automation**
-  **building**
-  **electronics**

One company group, a thousand opportunities

The philosophy of the Wieland Group with its headquarters in Bamberg can be summarized that simply. The independent subsidiaries, Wieland Electric and STOCKO Contact, are active beneath Wieland Holding.

Together they cover an extraordinarily wide product portfolio in the field of electrical engineering and electronics. It comprises control cabinet engineering and industrial multipole connectors, as well as overvoltage technology and building system technology.





Introduction

Applications



Components

Compact and multi distribution units

Accessories RST20i2 ... i5





RST 50i4

RST 50i5

Accessories RST50i4 ... i5

Information Technical data Index

| | | |
|---|-------------------------------------|---|
| The idea of pluggable installation | 4 – 5 | |
| Electrical installation with a system | 6 – 7 | |
| Schedule, outdoor product lines | 8 – 9 | |
| Overview of the fields of application | 10 – 11 | |
| Power connections for devices | 12 – 13 | |
| System engineering, industry | 14 – 15 | |
| System engineering, ASi and 24 V | 16 – 17 | |
| System engineering, EX applications | 18 – 19 | |
| Flat cable power bus | 20 – 21 | |
| AC solar technology | 22 – 23 | |
| Construction power systems | 24 – 25 | |
| Event technology | 26 – 27 | |
| Outdoor lighting | 30 – 31 | |
| 3D application examples | 32 – 35 | |
| System description – matrix | 36 – 39 | |
| RST 20i2 | RST20i2 – 2 pole | 40 – 57  |
| RST 20i3 | RST20i3 – 3 pole | 58 – 75  |
| RST 25i3 | RST25i3 – 3 pole | 76 – 81  |
| RST 20i4 | RST20i4 – 4 pole | 82 – 101  |
| RST 20i5 | RST20i5 – 5 pole | 102 – 123  |
| RST 25i5 | RST25i5 – 5 pole | 124 – 129  |
| Compact and multi distribution units | RST20i 2 pole – 5 pole | 130 – 141  |
| Accessories RST20i2 ... i5 | Accessories RST20i2...i5 | 142 – 147  |
| RST 50i4 | RST50i4 – Power 4 pole | 148 – 155  |
| RST 50i5 | RST50i5 – Power 5 pole | 156 – 159  |
| Accessories RST50i4 ... i5 | Accessories RST50i4...i5 | 160 – 161  |
| Information | Definition of degrees of protection | 162 |
| Technical data | Material resistance | 163 |
| Index | Long-term studies | 159 |
| | Technical data, RST | 166 – 179 |
| | Installation instructions | |
| | Index, Support | 180 – 195 |



The idea of pluggable installation

As easy as brilliant

► Conventional installation



Work steps:

Power distribution:

- Cut the cable to length
- Strip the cable sheath
- Insert the cable into the junction box
- Strip the wire insulation
- Connect the individual wires
- Close the junction box

Luminaire installation:

- Open the luminaire
- Strip the cable sheath
- Insert the wire into the luminaire
- Strip the wire insulation
- Connect the individual wires
- Close the luminaire



The *gesis* installation philosophy:

The idea is as easy as it is brilliant.

An extensive network of components of electrical connection technology, preassembled and most carefully tested, enables a consistently pluggable solution from the distribution board to each point of demand.

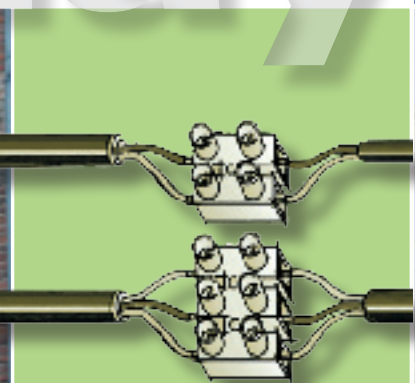
This saves time and reduces costs!

A great number of renowned manufacturers have recognized this positive trend and, as system partners, already offer their components with pluggable *gesis* connectors.

The system's fields of application are as versatile as the system itself.

In short: wherever electrical power or signals need to be distributed, *gesis* has set a standard.

yesterday



SOLUS PLUS

▶ Pluggable installation from Wieland

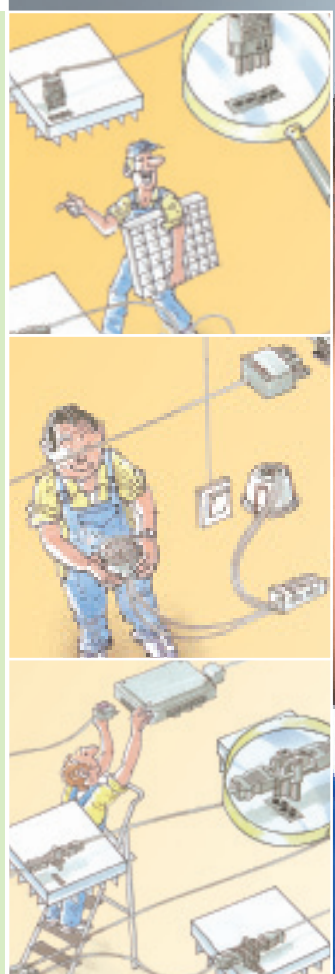
4 min.

Additional advantages:

- ▶ Touch-safe
- ▶ Straightforward cable layout
- ▶ Simple replacement of devices
- ▶ Easy expansions or modifications
- ▶ Re-usable
- ▶ Mechanical codings
- ▶ Integrated locking device and strain relief

Work steps:

- Attach the luminaire
- plug & play



plug & play



Electrical installation with a system

A concept for all situations

Wieland, as the world market leader in the field of pluggable electrical installation, provides a consistently pluggable installation system: complex installations from the distribution board to each point of demand can be implemented with only four base components.

gesis CON
IP 20

1 Connector (female + male) for the supply into the connector system

– interface between conventional and pluggable installation



INCOMING
SUPPLY

2 Distribution blocks for power or signal distribution within the network



DISTRIBUTION

3 Pre-assembled cables for routing or supply of electrical power or signals



ROUTING

4 Device connections are directly integrated into the end devices and function as the interface to the connector system



DEVICE CONNECTION

indoor

Transfer of the successful **gesis** installation philosophy ...



gesis IP+
IP 65 ... IP 68 ▲ ▲

Unique to the market thus far, Wieland transferred its successful **gesis** installation philosophy to new outdoor applications and with it set new standards.

INCOMING SUPPLY



DISTRIBUTION

Degree of protection achieved:

- IP 65** Jet water
- IP 66** Powerful jet water
- IP 67** Temporary submersion
- IP 68** Lasting immersion (2 hours in 3 m deep water)

ROUTING



DEVICE CONNECTION



outdoor

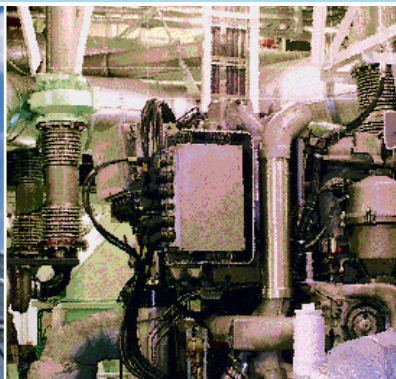
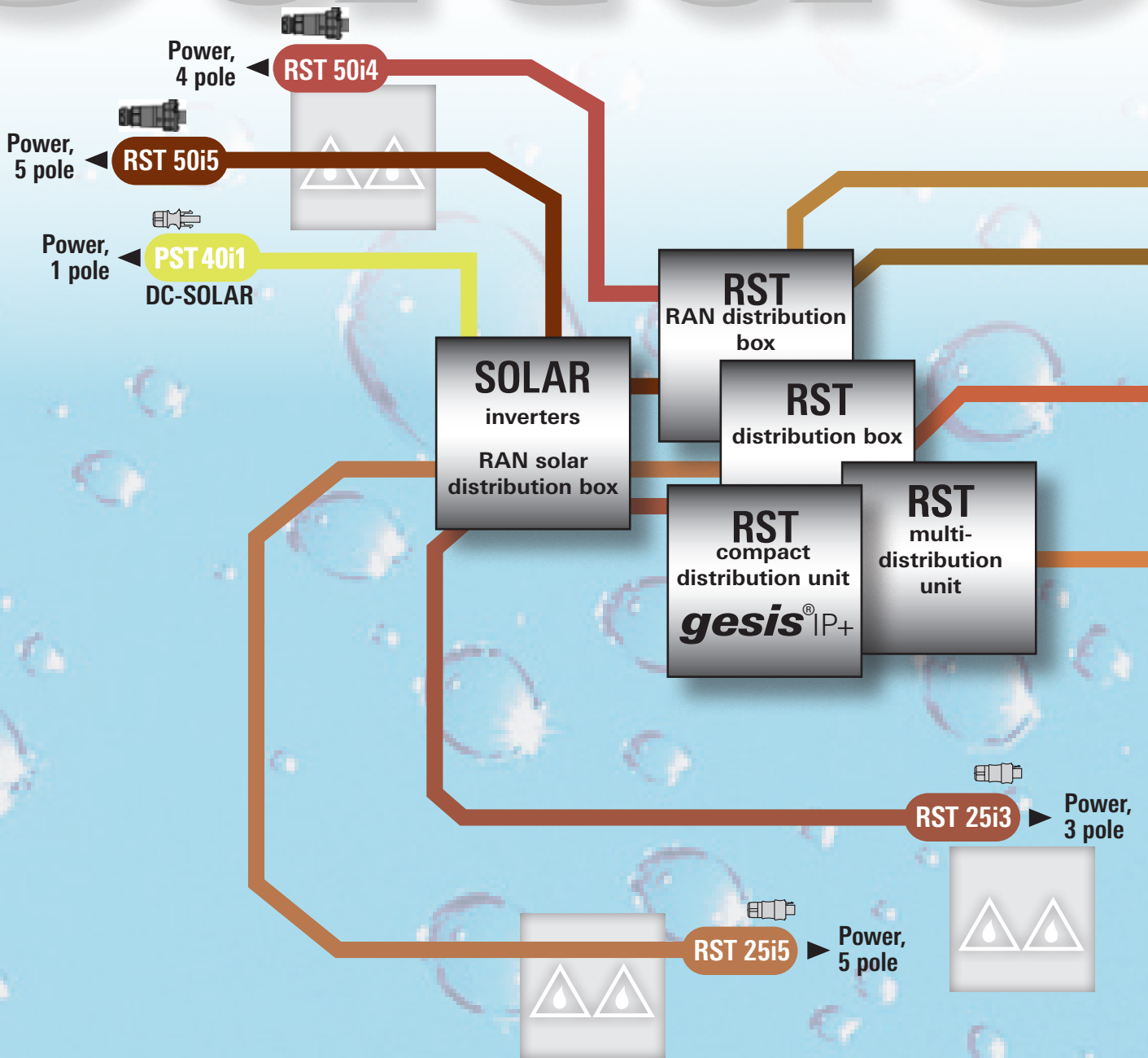
... in areas with increased protection requirements



In many applications, electrical devices and systems must work safely under difficult environmental conditions for many years. For a reliable function, the ingress of water or foreign particles (such as dust, oil, and soot) into production systems, parking garages or outer premises must be avoided. Within the scope of the specified degree of protection the RST system even withstands unplanned immersion.

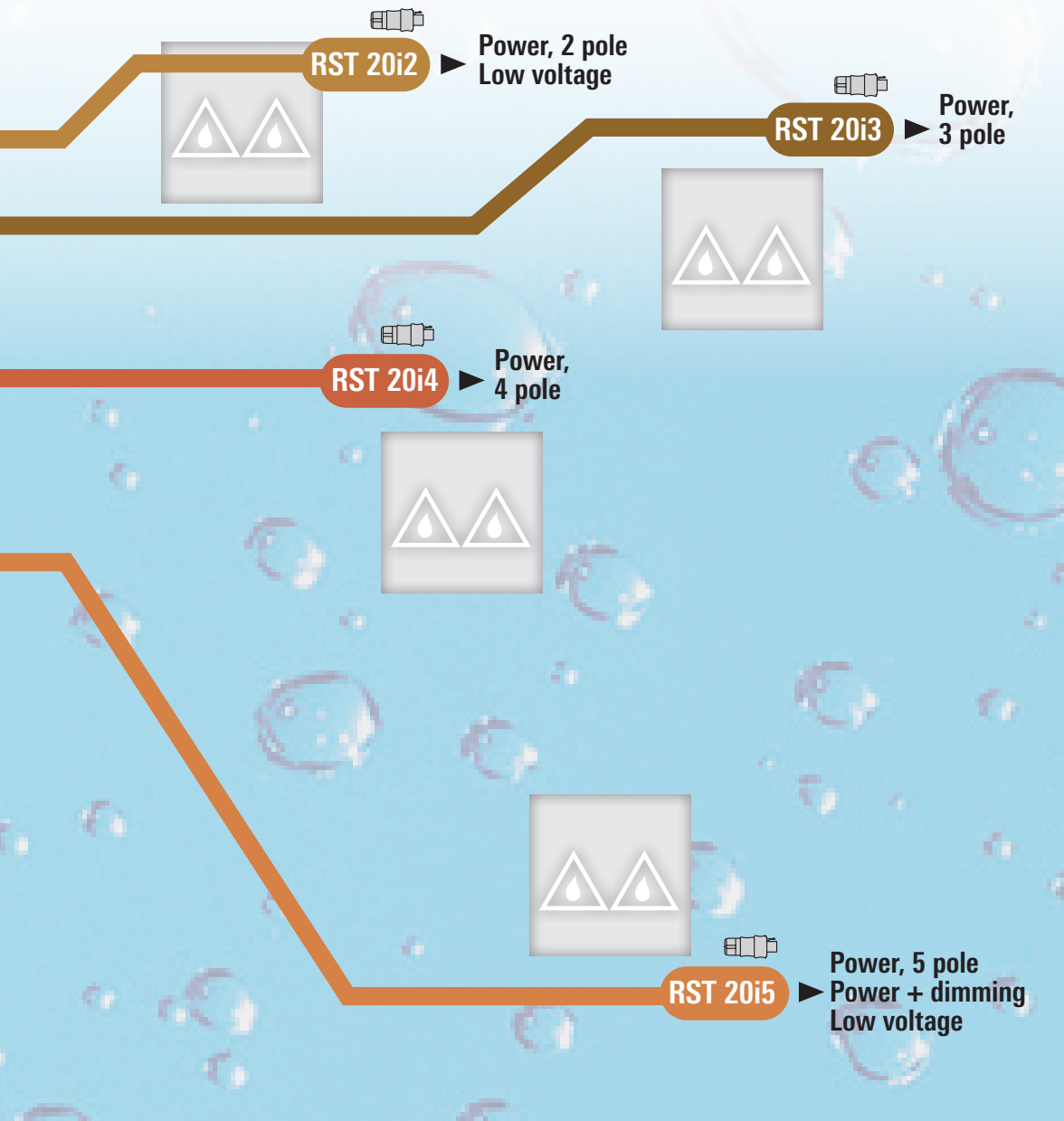
The system is not designed for permanent operation under water.

Outdoor



OR

Schedule for pluggable connections In rough environments with high protection requirements



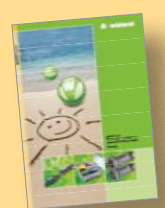
| | | |
|--|--|--|
| | RST 20i2 Power, 2 pole Low voltage | |
| | RST 20i3 Power, 3 pole | |
| | RST 25i3 Power, 3 pole | |
| | RST 20i4 Power, 4 pole | |
| | RST 20i5 Power, 5 pole Power + dimming Low voltage | |
| | RST 25i5 Power, 5 pole | |
| | RST 50i4 Power, 4 pole | |
| | RST 50i5 Power, 5 pole | |
| | PST 40i1 Power, 1 pole DC-SOLAR | |



PST ▶

**PST 40i1
DC-SOLAR**

see Master Catalog
SOLAR 0164.0
or Short-Guide 0162.3



Overview of the fields of application

Power everywhere – safe and quick!

Power connection
for electrical
devices



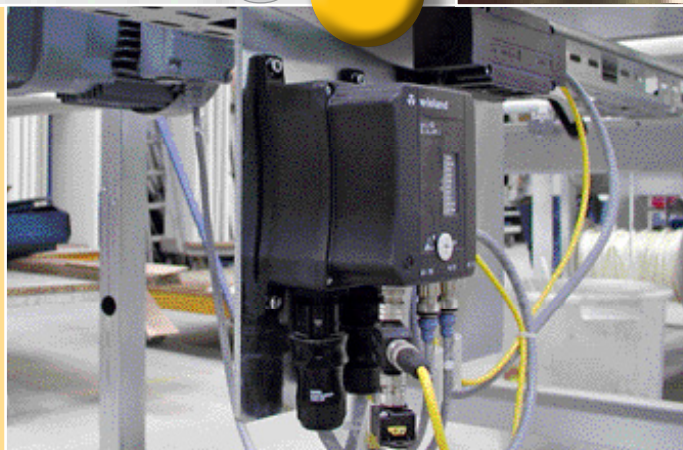
Construction
power systems



Outdoor
lighting



System
engineering



Solar technology



Event technology



Project and shipbuilding



Export-oriented solutions for all nations

International operations with RST connectors

Power connection for electrical devices

■ The challenge:

Particularly the export-oriented countries must offer their products in country-specific variations. The products frequently distinguish themselves by the power connectors. Stockage of country-specific product variations has, not least, an adverse impact on delivery times and warehouse costs.

■ The solution:

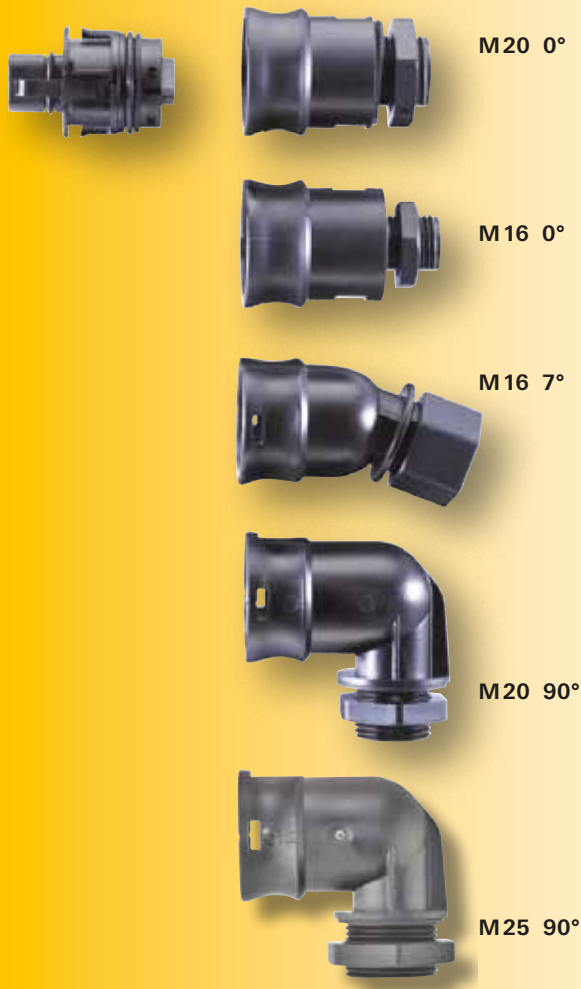
Power connections are made pluggable: one end is pre-assembled with the appropriate national power connector, while the other end always has the same RST connector. Consequentially, the relevant end devices are equipped with RST device connectors, independently of the country. Thus country-specific power connections are available to you. The connection set required for the target country is attached only. This simplifies stockkeeping for export-oriented products particularly.

■ RST power connectors:

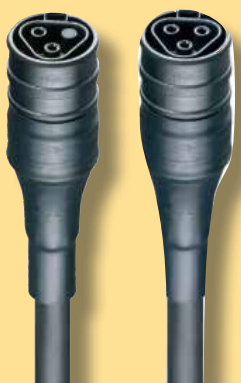
The cables are pre-assembled with the desired power connector*) on grid side. The RST connector is molded to the device side. It is not only extremely compact, but is also protected against bending. The connection between the device and the pre-assembled cable is protected against accidental loosening through an integrated safe locking device. A manual disconnect facility is optionally available.

*) available on request





On request, we can also realize intermediate angles ranging between 0° and 90° in order to provide a solution for specific housing geometries.



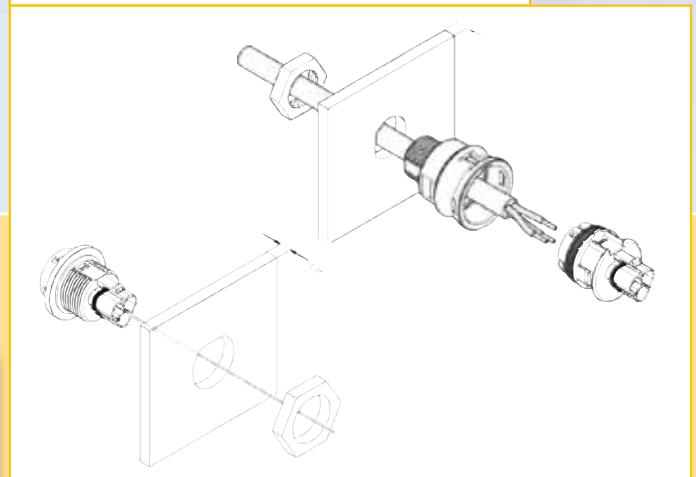
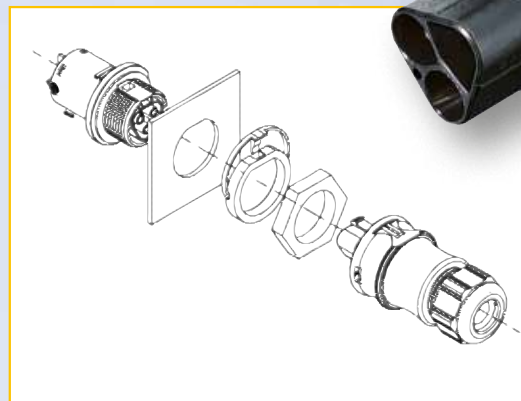
Also see:
RST 20i2 Protection class II
RST 20i3 Power with ⊕

Device connectors

Device connectors are integrated into the relevant housing knock-outs and function as an outward interface.

There are basically two variations: the single-piece **M25 standard device connectors** are simply installed inside the housing.

The **modular device connectors (two-piece)** are available in M16, M20 and M25 variations as well as in 0°, 7° and 90° angles.



Complete system for industrial use

Connecting quickly and safely

System engineering

The pluggable electrical installation also for industrial use

■ The challenge:

Whether individual applications or complex systems – the tasks are the same: electrical consumer devices must be connected quickly and safely.

Conventional installations do not meet these requirements. Cutting the cables to length, stripping the cable sheath and wire insulation, and finally connecting the components, are not only time-consuming operations, but frequently also cause errors and result in reworking. Cooperation of different trades (mechanical and electrical installation) during the setup of a system impedes the continuous progress of operations. This does not just apply to initial installations.

For expansions, regular servicing or replacement of defective devices, the same installation steps recur over and over again.

Possible applications:

- Motor connection (3~)
- Power distribution 250/400 V ~
- Power supply up to 50V, bus
- Voltage supply 24 V, ASi
- Workstation illumination
- Painting checks



■ The solution:

As a complete installation system, **gesis** IP+ provides definite time savings during installation. The components are pre-assembled in the factory and simply plugged together in the field. Troublesome cutting to length, stripping of sheath and insulation, and connecting is now a matter of the past.

Operational downtimes are thus clearly reduced. In the case of defective devices or regular servicing, the consumer devices can be disconnected from the network quickly. As an additional advantage the installer does not have to open the device for completion of the electrical connection, which means that incorrect assembly especially of water-protected devices can be excluded.



Pre-assembly in a separate location:

The **gesis** IP+ installation system enables completely new possibilities. Entire system sections can be pre-assembled and tested independent of the location of operation.

The individual modules are simply plugged together on site.



Cost reductions:

Connections in system sections are frequently over-dimensioned. This was not least due to a lack of alternatives. But this is where a major savings potential is provided.

The RST system counts on completely pre-assembled components which only have to be plugged in on site.

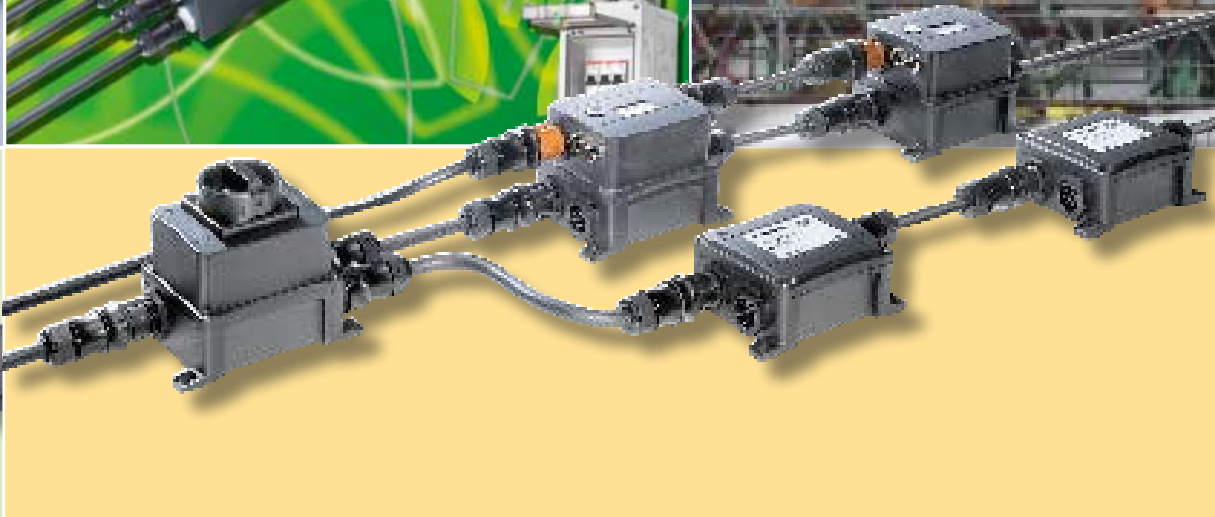
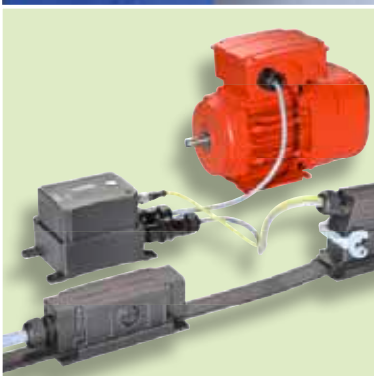
Making electrical devices pluggable

Device connectors function as an interface between the electrical consumer devices and the **gesis** IP+ installation system. The consumer device becomes pluggable through the integrated device connector and can therefore be incorporated into the installation system as required.

The device connectors have been equipped with standard threads (M 16 and M 25) and can therefore be replaced easily by conventional feed-through facilities.

Also see:

- RST 20i2** ASi or 24 V
- RST 20i3** Power with ⊕
- RST 20i4** Power with ⊕
ASi and 24 V
- RST 20i5** Power with ⊕
- Compact and multi-distribution units**
- RST 50i4** Power with ⊕
- RST 50i5** Power with ⊕



Rapid mounting system

Flexible and modular AS Interface

System engineering

Separate laying of AS-i and 24V

AS-i and auxiliary power 24V

An individual mechanical coding is provided for each circuit. Mechanically coded means that only the matching male and female connector pairs can be plugged together. This ensures a clear separation of the two circuits.



AS-i coding in pebble gray

24V auxiliary voltage with brown coding

Four basic components for a consistent installation:

- Connectors can be pre-assembled on site and are available either for connection of a round connector or of the AS-i profile cable.
- Distribution blocks enable distribution of electrical power and signals throughout the network.
- Pre-assembled cables are available in various lengths and designs and are used for the routing and supply of auxiliary power/signals.
- Device connections are directly integrated into the end devices and function as the interface to the connector system.

Technical data:

- Voltage supply 50V, 20A
- IP66 and IP68 (2m deep, 3h)
- Temperatures between -40 and +100° C
- Screw connection 0.5 – 4.0 mm²





Common laying of AS-i and 24V

AS-i and 24V combined in one cable

Until now AS-i and 24 V have normally been laid separately, but can now be combined and installed in a 4 pole version, too.

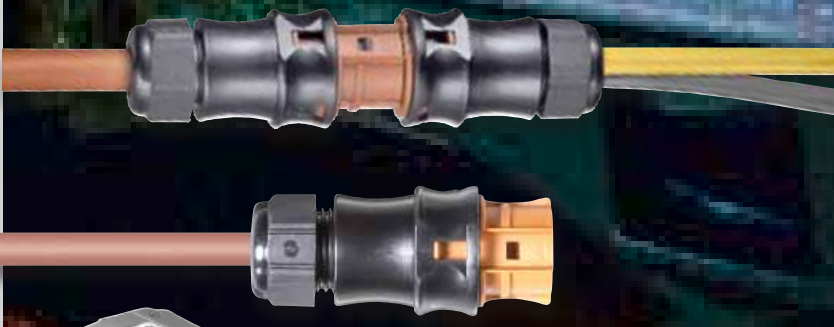
The highest level of flexibility

The rapid mounting system provides the decisive advantage particularly for the increasingly modular design in function modules. Depending on the application you can switch between the low-cost round cable and the AS-i profile cable as required. Everything is pluggable - for the user, this means top flexibility and at the same time quick and reliable installation.

Also see:

| | |
|-----------------|--------------|
| RST 20i2 | AS-i or 24V |
| RST 20i4 | AS-i and 24V |

Compact and multi-distribution unit



Distribution unit AS-i/24V

Distribution unit AS-i/24V and power

gesis 

ATEX-certified pluggable electrical installation.

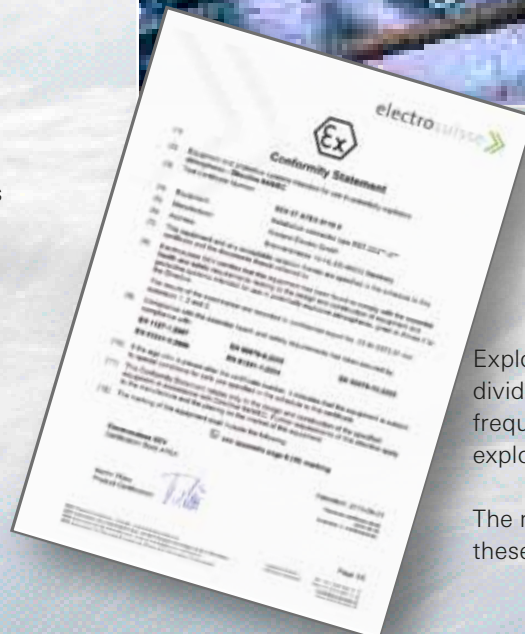
System engineering

Used in different industries

Definition of explosive hazardous areas

When talking about explosive hazardous areas, everybody thinks of the chemical industry or mining. However, explosion protection is an important topic for many sectors of the processing industry. In some cases, even carpenter's workshops and industrial bakeries may be affected. Special explosion protection measures are necessary wherever a dangerously high concentration of gas/air or dust/air mixtures occurs.

Areas where a potentially explosive atmosphere is possible must be clearly identified as explosive hazardous areas.



Explosive hazardous areas are often divided into zones according to the frequency and duration of potentially explosive atmospheres.

The requirements for devices used in these areas are correspondingly high.



Coding:

Connectors and device connections:

- ⊗ II 3G Ex nA II T6
II 3D Ex tD A22 IP65 T85°C

Preassembled cables:

- ⊗ II 3G Ex nA II T6
II 3D Ex tD A22 IP65 T70°C (cable type H05VV-F)
II 3D Ex tD A22 IP65 T60°C (cable type H07RN-F)



Temperature classes

(max. device surface temperature)

| | |
|----|--------|
| T1 | 450 °C |
| T2 | 300 °C |
| T3 | 200 °C |
| T4 | 135 °C |
| T5 | 100 °C |
| T6 | 85 °C |

Device group I (mining)

| Category M1 | Category M2 |
|---|--------------------------------|
| Continuous, long, or frequent periods of exposure | Occasional periods of exposure |
| > Very high degree of safety | > High degree of safety |

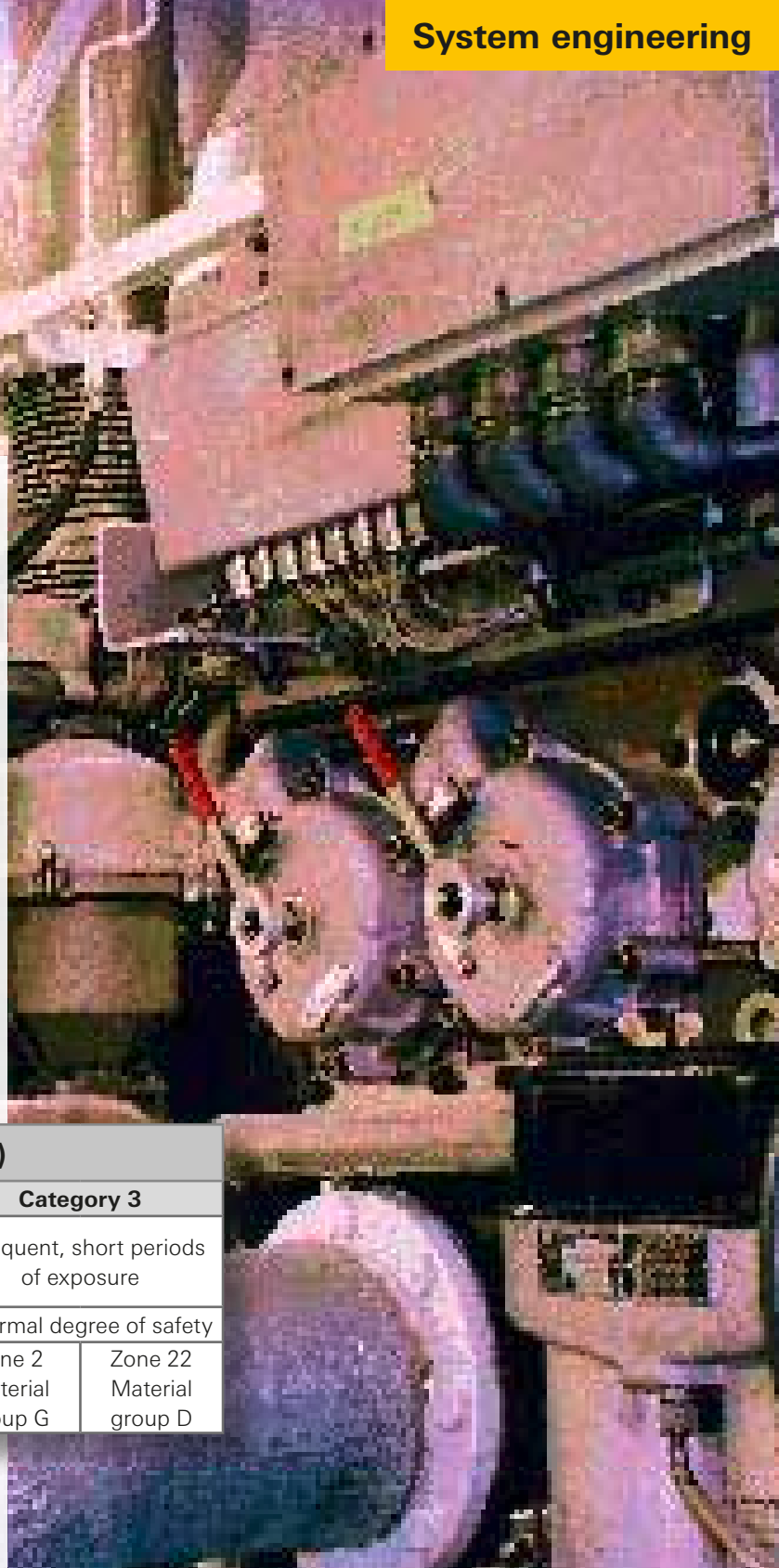
Device group II (other areas)

| Category 1 | | Category 2 | | Category 3 | |
|--|------------------|--------------------------------|------------------|---------------------------------------|------------------|
| Continuous, long or frequent periods of exposure | | Occasional periods of exposure | | Infrequent, short periods of exposure | |
| > Very high degree of safety | | > High degree of safety | | > Normal degree of safety | |
| Zone 0 | Zone 20 | Zone 1 | Zone 21 | Zone 2 | Zone 22 |
| Material group G | Material group D | Material group G | Material group D | Material group G | Material group D |

Example:

Part number 96.031.4053.1
 ↓
 X6.031.4053.1

To obtain the part numbers for the components with ATEX certificate, the first digit of the regular part number „9” must be replaced with an „X”.
 The minium order quantity is 100 units per part.



podis® flat cable power bus

Remote power distribution without stripping

System engineering

Power bus

The **podis®** power bus is the innovative solution for remote power distribution. The system comprises supply and distribution modules, maintenance switches, fixed and pluggable power branches, preassembled cable harnesses and a comprehensive range of accessories.

The power (main and auxiliary power or AS-i) is distributed through an uncut 7 pole flat cable. The flat cable is tapped near the consumer device in any position required using connection modules with IDC technology. Branching and tapping to motor starters and frequency converters are implemented in a fixed or pluggable design.

Advantages of **podis®** – at a glance:

- 5x faster installation
- Fast start-up through error-free connectivity
- Modular system for various functions
 - Smallest remote motor starter in IP65 up to 1.5 kW
 - Robust LED lamps for extreme temperature range (-40 °C up to +70 °C)



Features

- Termination without stripping of the sheath
- Easy implementation of customer-specific solutions
 - Field distributors for SEW MOV/MOT control
 - Remote motor starters for airports and logistics applications
 - LED emergency lamps for wind power plants
- UL approval for international applications

podis® power bus solutions shorten installation times, reduce production costs and increase flexibility during system expansions or later modifications to the planning.





1

Swing open the top, insert the flat cable



2

Close the top, the cable is sealed providing IP65 protection; no additional strain relief required



3

Screw in the contact screws



Connect the outgoing round cable by operating the tension spring terminals, attach the cover or function module - finished.



See the "Logistics" catalog (part no. 0158.0) for additional information

The safe path into the grid

The AC Solar connector system

Solar technology



■ The challenge:

The extraordinary benefits of a pluggable electrical installation have been restricted to the DC side of photovoltaic systems thus far. The connection on the grid side still had to be made in the time-consuming conventional way.

When several inverters are used within an array, the high installation effort becomes apparent.

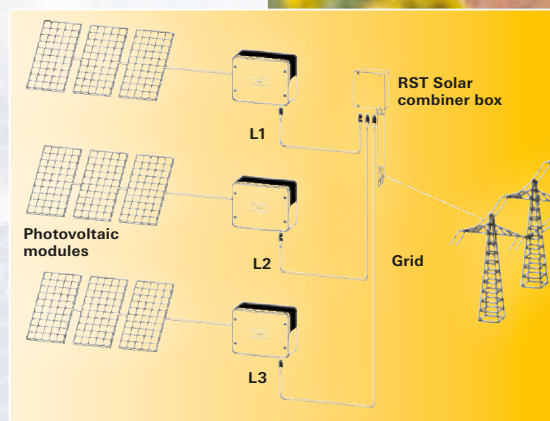
■ The solution:

With its new AC Solar round connector system, Wieland provides an optimum solution for the AC area. Pre-assembled components with an increased degree of protection ensure a quick and safe installation even under the most adverse conditions.

The system includes distribution panels which are delivered in a pre-assembled design, and cable assemblies for the connection between the inverters and the distribution panels.

The system is supplemented by connectors for assembly on site.

Leading inverter manufacturers pre-assemble their devices with the relevant connectors, the interface to the system, in their factories.

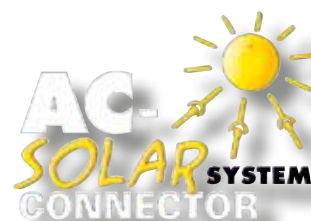


Other fields of application

- Emergency power supply through batteries (in buildings or systems)
- Transformation of on-board voltage (cars, trucks, railroad, caravans, boats)
- Metal working
- Power generation (fuel cell, wind power plants, photovoltaic systems)



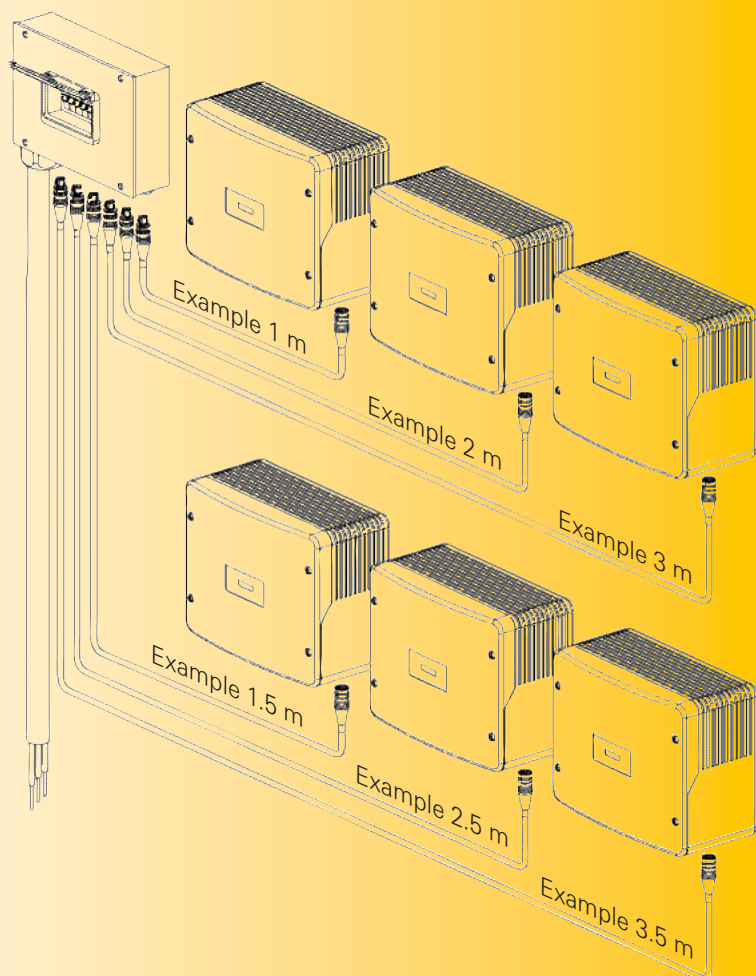
More and more manufacturers recognize this positive trend and offer their devices with RST connectors.



Also see:

- RST 25i3** Single-phase supply
- RST 25i5** Three-phase supply
- RST 50i4** Three-phase supply
- RST 50i5** Three-phase supply

Example: System segment up to 30 kWp, installed with RST25i3



The new RST50 Power series

The new RST50 Power series combines the best possible connection capabilities with the highest possible degree of compactness. The 4 and 5 pole IP 66...67 connectors and device connectors are designed for 250 / 400 V and a maximum current of 50 A. The wire range includes cross sections up to 16 mm².

Additional information can be found in the RST 50i4 and RST 50i5 sections.



The flexible electrical installation

Construction site supply during structural works

Construction power systems

■ The challenge:

Time pressure in the project business is greater than ever: it is therefore even more important that all processes function and are attuned to one another without a problem.

The construction power systems make a major contribution, as they ensure the supply of electrical power during structural work. The requirements for such construction site supply are extremely high. On the one hand, they must withstand extreme conditions, and on the other hand, provide as much flexibility as possible.

■ The solution:

Only three base modules are required to implement even complex installations in no time and according to the requirements. The pre-assembled cables are at the core. They are ready for use in all required lengths and can be installed as required. Distribution components furthermore enable the distribution of power to the relevant location.

And finally, there are the luminaires. They have been equipped with device connectors and can be integrated into the installation by simply plugging them in.





The benefits at a glance:

■ Low investment requirements

All connection cables have been pre-assembled and tested. With the available range of device connectors almost any standard luminaires can be made pluggable. Therefore, the luminaire manufacturers can easily integrate them into their products.

■ Low stock requirements

In contrast to the luminaires with a fixed connection cable, these luminaires can easily be stockpiled due to their pluggability. Transport becomes easier as well. The cables are stored separately. There are only a few different cable types, as the same lengths can be cascaded.

■ Easy handling

The luminaires can be assembled easily on the construction site, as the electrical connection is made after the luminaires have been installed.

Due to the compact dimensions of the pluggable components, the cables can be laid out much more flexibly, as small bore holes or knock-outs are no obstacle.

■ High operational safety

The power supply system at the construction site cannot be used by third parties (unrelated trades), as the construction machines are normally not equipped with RST connectors. Its high degree of protection prevents any failure, even with short-term flooding of the connections.



Also see:

- RST 20i3** Power 3 pole
- RST 20i5** Power 5 pole
- RST 50i5** Power 5 pole

Pluggable solutions for event technology

Outdoor installations – no longer an adventure

Event technology

■ The challenge:

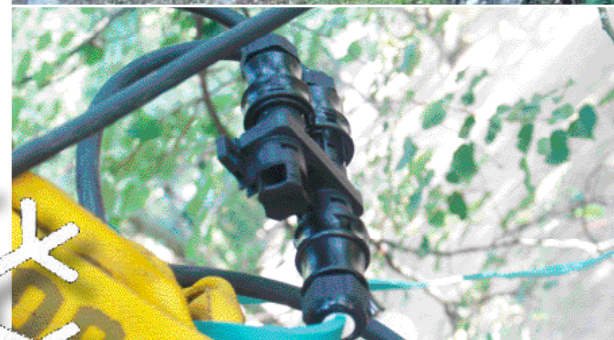
Decorative illuminations during Christmas time or for other major events are extremely popular today. The possibilities for creating pleasant atmospheres or spotlighting objects are almost unlimited. But what happens behind the scenes? Standard outlets, carefully packed in PET bottles, or simply wrapped in a plastic bag – this is often common practice (not just in secrecy).

Apart from the fact that improvised solutions like that are questionable in view of safety technology, they are not aesthetically appealing at all. The fact is that there hasn't been an alternative up to now.

■ The solution:

The solution is a system which is suitable for outdoor use without additional protection measures: RST.

Consistently pluggable and with IP68 protection degree, RST enables the outdoor connection of, for example, luminaires quickly and safely. Special attention was put on the design in order to make it match inconspicuously with the existing installation



Also see:
RST 20i2 Protection class II
RST 20i3 Power with ⊕
Accessories



Christmas lighting
(post lighting, tree lighting,
sales booths)

Connectors for illumination cables:

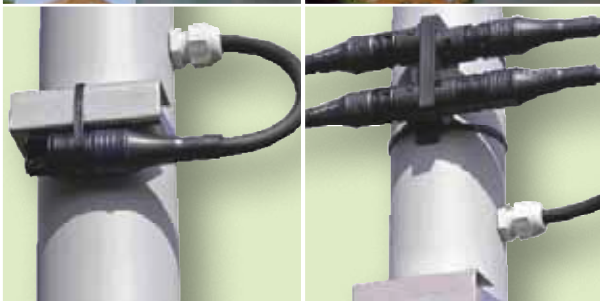
Customary illumination cables can be integrated into the installation through special 2 pole connectors with the corresponding rectangular strain relief. This applies to applications in the professional as well as in the private sector.

The connectors are protected against accidental loosening; they can be unlatched with a tool only. This is a considerable plus in safety for places that are generally accessible. For protected areas (that are only accessible by experts), the connectors can be equipped with a manual disconnect facility for easy disassembly.

Post outlet:

The post outlet is simply integrated into existing posts and thus ensures the power supply. It even provides minimal dimensions and optimum weather protection. The post outlet consists of a splash-water-protected device connector which is mounted directly on the post, as well as a firmly connected cable in various lengths for internal wiring.

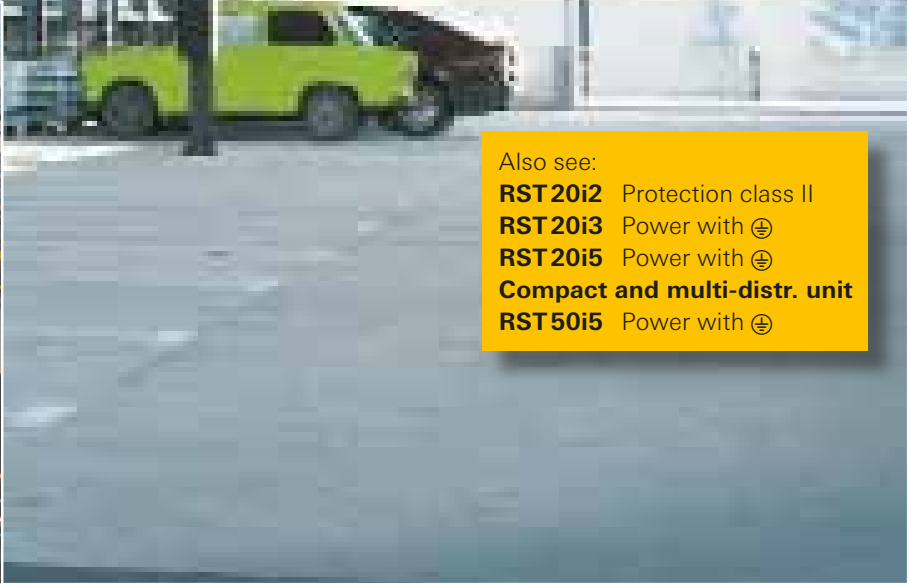
The cable is strain-relieved and the contacts are protected against condensation. The protective cover is removed and the decorative component is plugged in with the corresponding flexible light tube – plug & play!



Event technology
(project lighting, festivals, leisure parks, fairground rides, exhibitions, concerts, light advertisements)

Post outlet
2 pole (L, N) and
3 pole L, N, ⊕)





Also see:
RST 20i2 Protection class II
RST 20i3 Power with ⊕
RST 20i5 Power with ⊕
Compact and multi-distr. unit
RST 50i5 Power with ⊕



For requirements with increased protection degree
gesis installation systems provide safety

Project and shipbuilding

The benefits at a glance:

■ Installation up to date:

The *gesis* installation system and its sophisticated concept mirror the state of the art in modern technology.

■ Reduced construction times (initial installation):

An installation with *gesis* IP+ reduces the costs not only for initial installations. Even short-term reorganization can be carried out without a problem. This is enhanced by the guarantee of continuous installation quality.

■ Continuous operational cost savings:

Maintenance costs and repair during operation are possible even under more difficult work conditions (architecture). Defective consumer devices are simply replaced without disconnecting the system.

■ Safe power distribution:

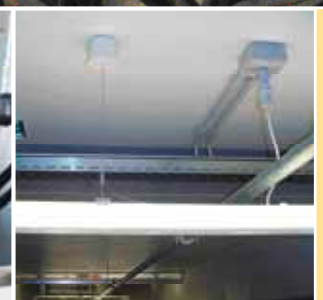
The new compact and multi-distribution units are the heart of pluggable electrical installation and can also be customized.

■ The challenge:

Whether in underground garages, greenhouses or in shipbuilding: electrical installations with increased requirements regarding the degree of protection can be found everywhere. Especially in these fields, it is extremely important that the electrical installation is carried out by an expert. But how does it work in practice? Difficult installation conditions and extreme time pressure often lead to errors, loss of protection and finally to the failure of the system.

■ The solution:

The idea is as easy as it is brilliant. An extensive network of components pre-assembled in the plant and most carefully tested enables a consistently pluggable solution from the distributor to the point of use. This saves time and reduces the costs!






Moonlight®



plug & play in outdoor applications

Electrical installations using the "Lego principle"

Outdoor lighting

■ The challenge:

Expert operation plays a major role particularly for electrical installations outdoors.

Difficult installation conditions and high time pressure often cause errors, loss of the protection degree and finally failure of the system.

Unfortunately customers often send their complaints about such cases to the luminaire manufacturer and are left with a bad impression.

■ The solution:

As a complete installation system, **gesis** IP+ is optimally adapted to these increased requirements. It is very flexible in its application and has proven technology at its disposal. Luminaires can thus be delivered in a pre-assembled design. They only have to be plugged in on site. The connectors are also touch-safe when they have not yet been plugged in; they provide a locking device against accidental loosening. The possibility of connecting almost all customary cable types (also underground cables), as well as the IP 68 protection degree make the RST connector a strong partner for outdoor lighting.

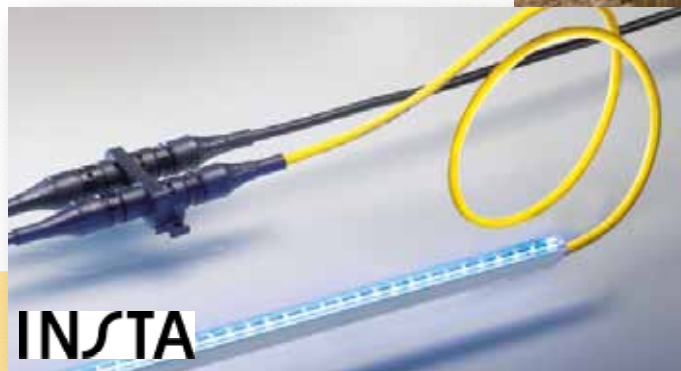
It is not possible to lay the components directly in the ground. In order to satisfy VDE0100-520 the connections must be protected mechanically in addition and must be accessible for inspection, testing and maintenance.

Connectors:

For the various luminaire types, power connectors for 250V and low-voltage connectors for LED technology up to 50V are available. These are mechanically coded and can therefore not be mismated.

For parallel applications, this provides additional safety.

DZ

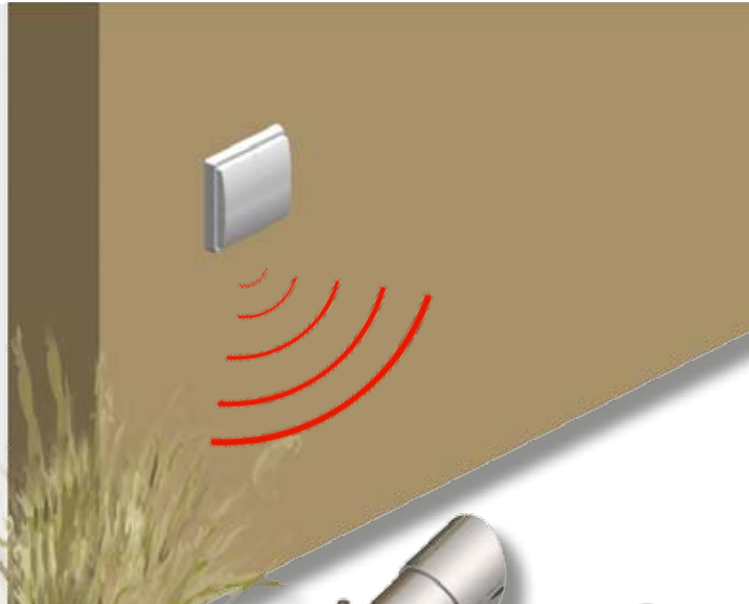


Also see:

RST 20i2 Protection class II,
low voltage

RST 20i3 Power 3 pole

RST 20i5 Power 5 pole



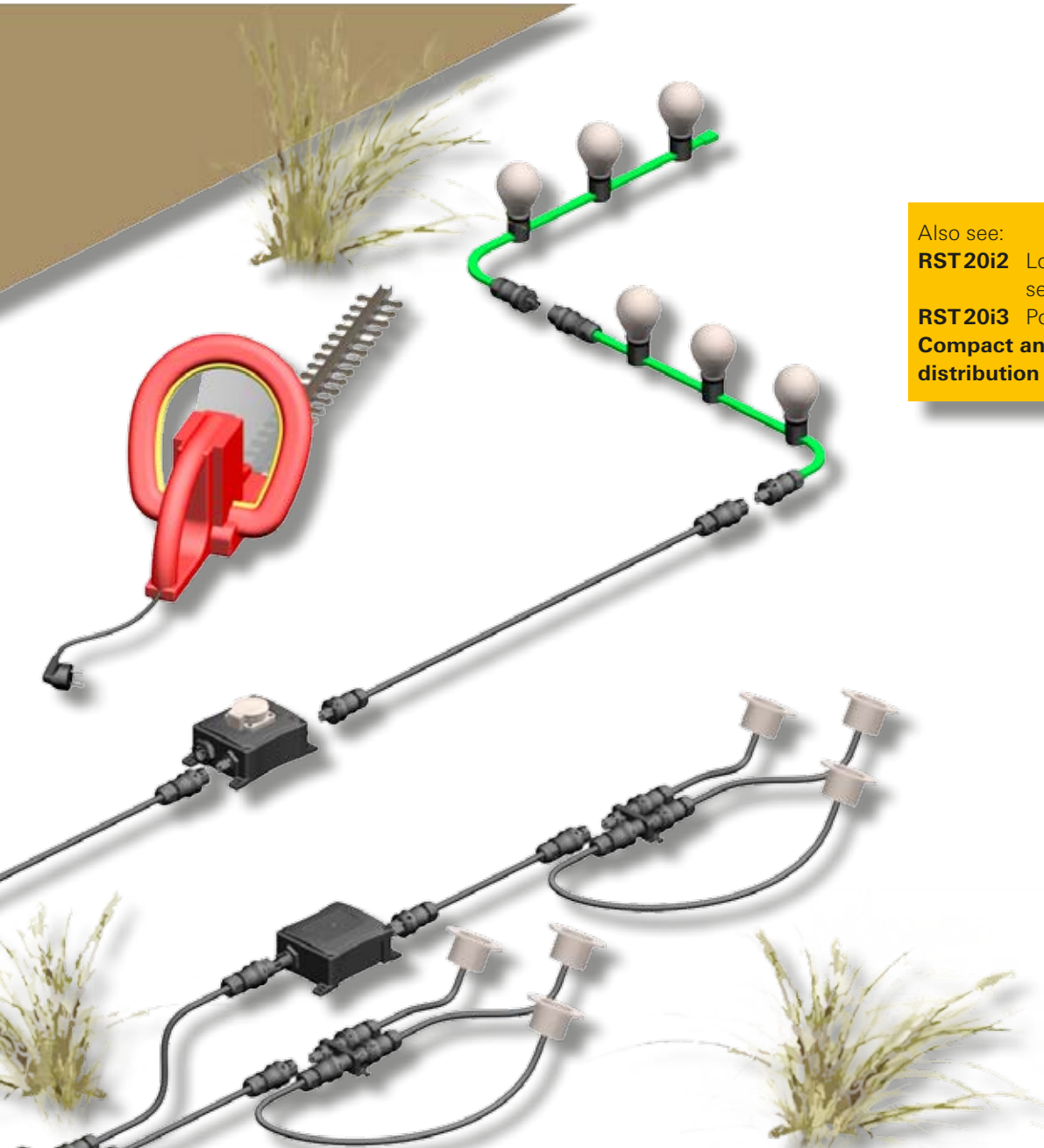
Consistently pluggable solutions for outdoor installations

- Wireless distribution units
- Current and voltage sources
- Series and parallel distribution
- Distribution units with integrated fine fuses
- Distribution units with integrated grounding outlet



plug & play in outdoor applications

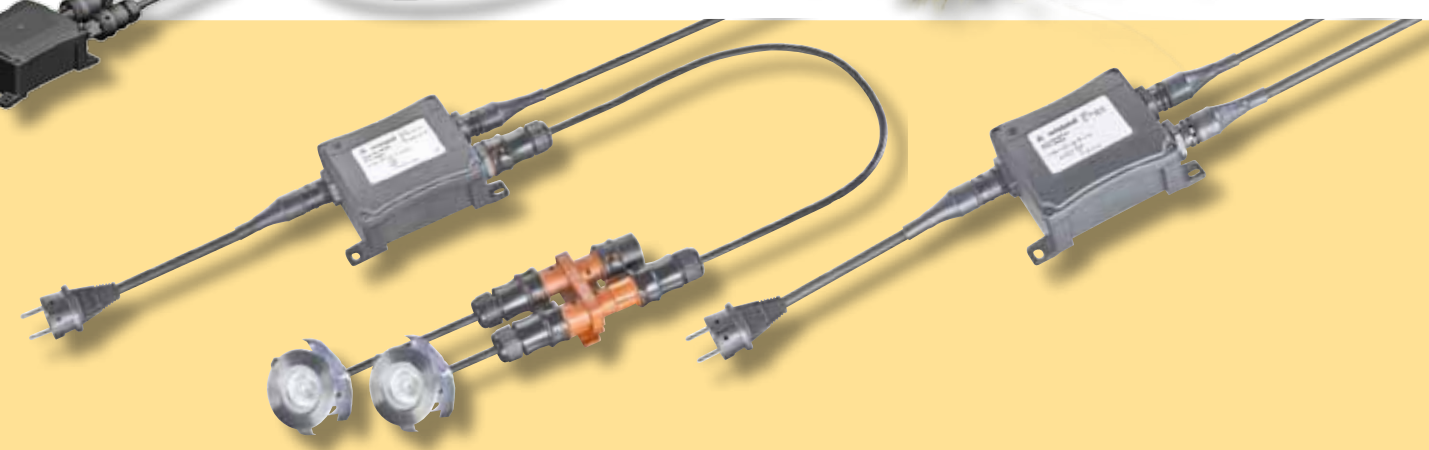
Solutions for most demanding requirements



Also see:

RST 20i2 Low voltage, parallel and series distribution units

RST 20i3 Power 3 pole
Compact and multi-distribution units



Pluggable 3D distribution units

More than just distribution!

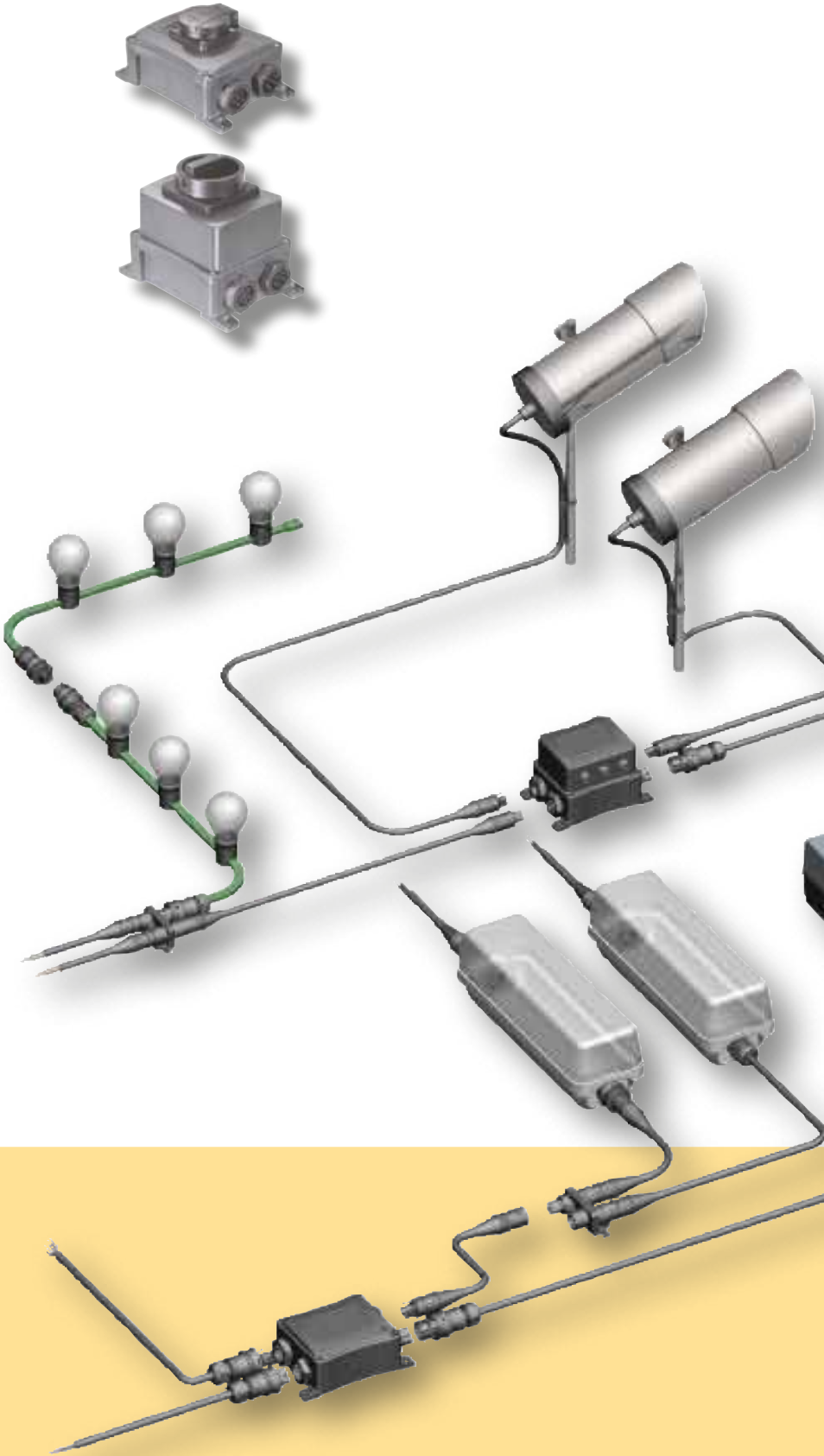
The RST compact distribution unit – more than just distribution!

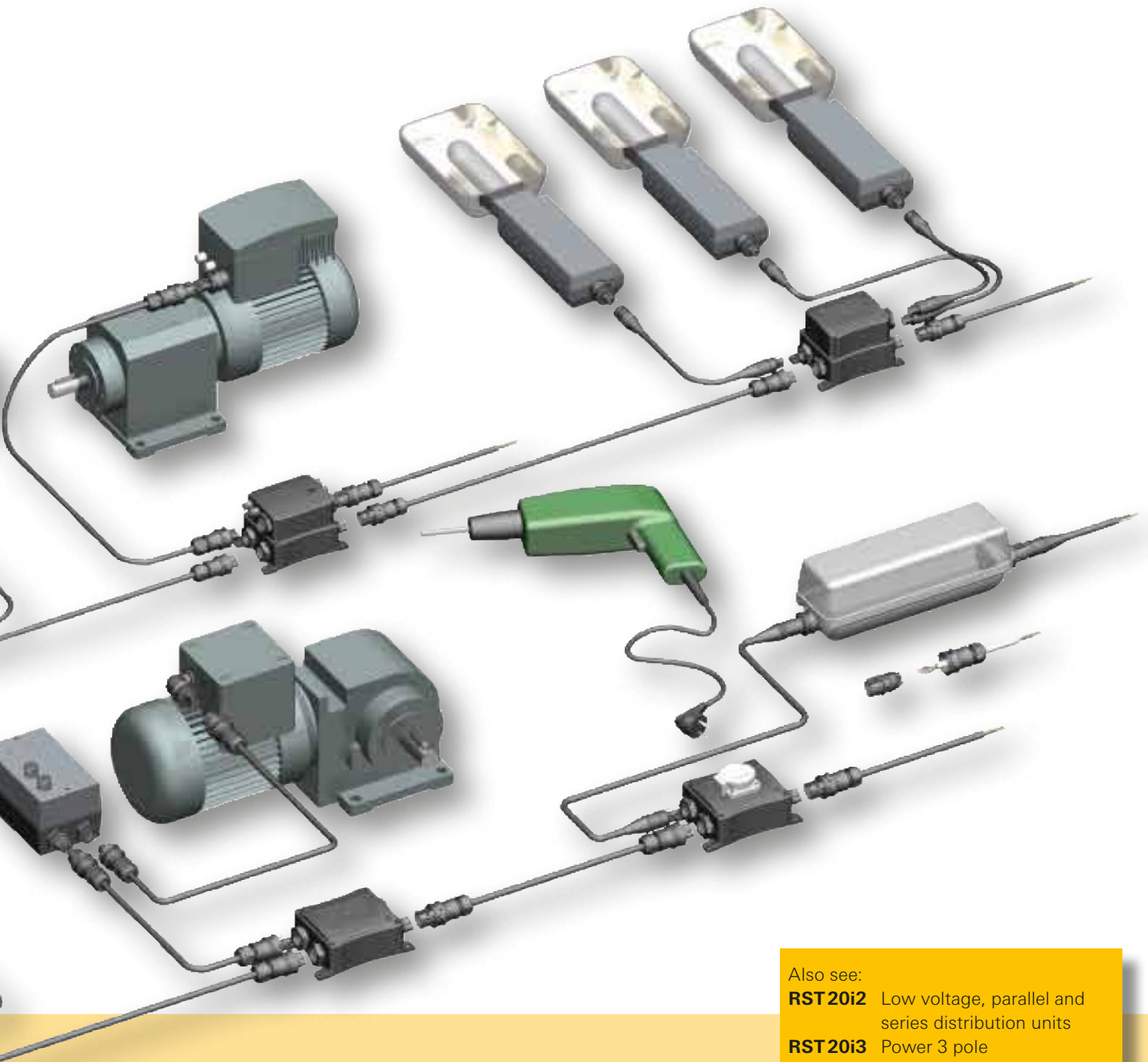
Installations differ from one another. This makes it even more important that the product range is oriented towards the application requirements. A clear separation of different circuits using mechanically coded connectors is as important as pre-assembled cables in various defined lengths.

However, the pluggable distribution units play a major role in power distribution. In their simplest function, they merely have to provide branches in the required locations.

Practice shows, however, that the requirements may be much more complex.

Examples can be found in AC and DC wiring through distribution units with fine fuses up to boxes with integrated safety outlets or switches.





Also see:

RST20i2 Low voltage, parallel and series distribution units

RST20i3 Power 3 pole

Compact and multi-distribution units

① **Connectors**

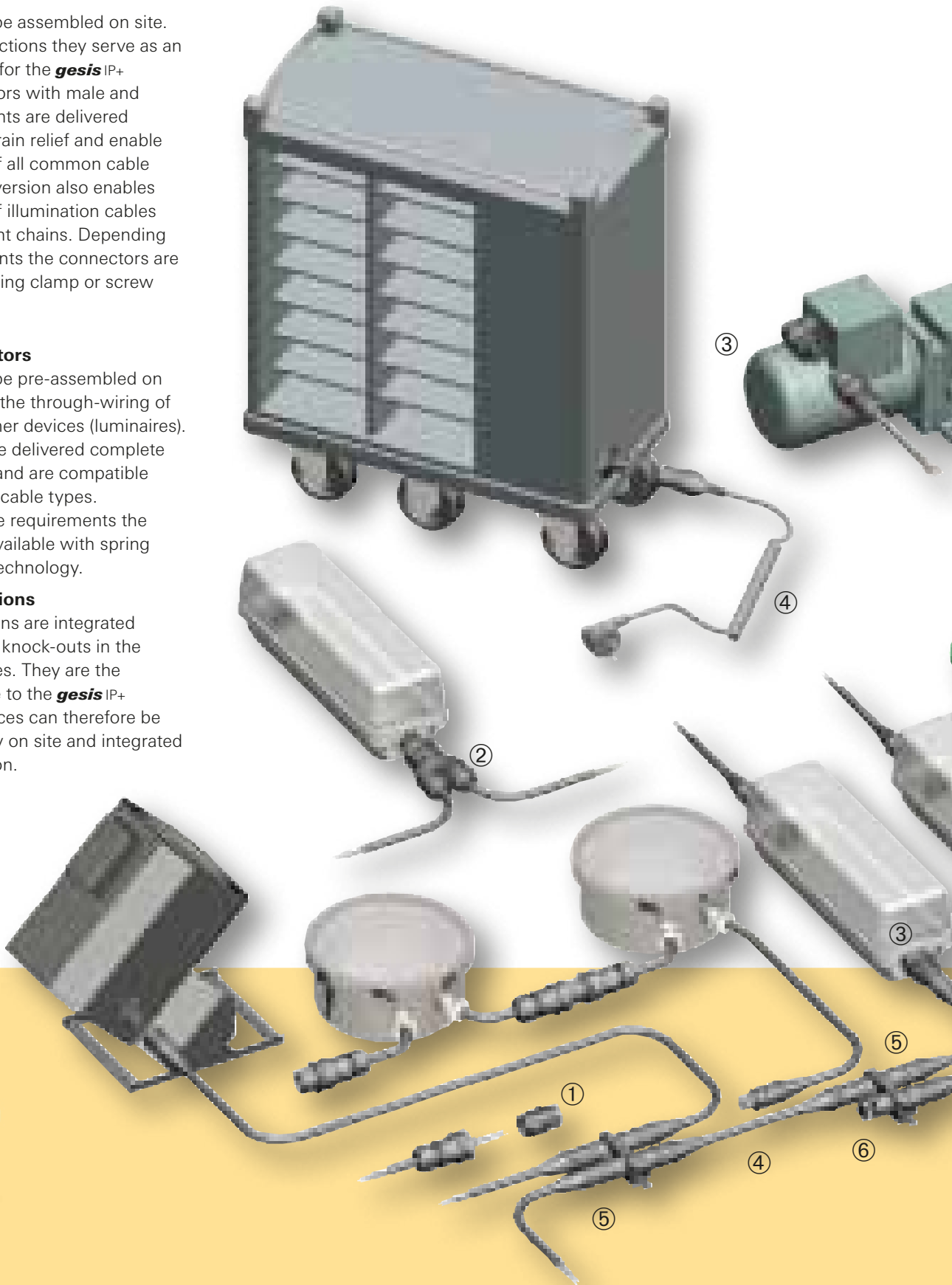
Connectors can be assembled on site. Among other functions they serve as an incoming supply for the **gesis** IP+ system. Connectors with male and female components are delivered complete with strain relief and enable the connection of all common cable types. A special version also enables the connection of illumination cables for decorative light chains. Depending on the requirements the connectors are available with spring clamp or screw technology.

② **Splitter connectors**

Connectors can be pre-assembled on site and serve as the through-wiring of electrical consumer devices (luminaires). All connectors are delivered complete with strain relief and are compatible with all common cable types. Depending on the requirements the connectors are available with spring clamp or screw technology.

③ **Device connections**

Device connections are integrated in corresponding knock-outs in the housing of devices. They are the device's interface to the **gesis** IP+ system. The devices can therefore be plugged in simply on site and integrated into the installation.



3D system description

Overview of the electrical installation *gesis*



Basically two variations are available: the M25 standard device connector as well as a modular version with M 16 or M20 connection threads. An angled design completes the system.

④ Cable assemblies

Electrical power is supplied by using cable assemblies. Three basic versions are distinguished: power connection cables provide the incoming supply of the *gesis* IP+ system. They have been prepared for a traditional connection or with a standard plug on the supply side and are pre-assembled with the required female connector on the outgoing side. Extension cables are pre-assembled with a female or male connector on the relevant cable ends, and serve as feed-through wiring. The connection cable is pre-assembled with a male connector and a free end for wiring to the consumer device.

⑤ Distribution blocks















The pre-assembled plug-in distribution blocks are incorporated in the installation and thus enable a tap-off to the consumer devices. The distribution block is available with or without mounting flanges.

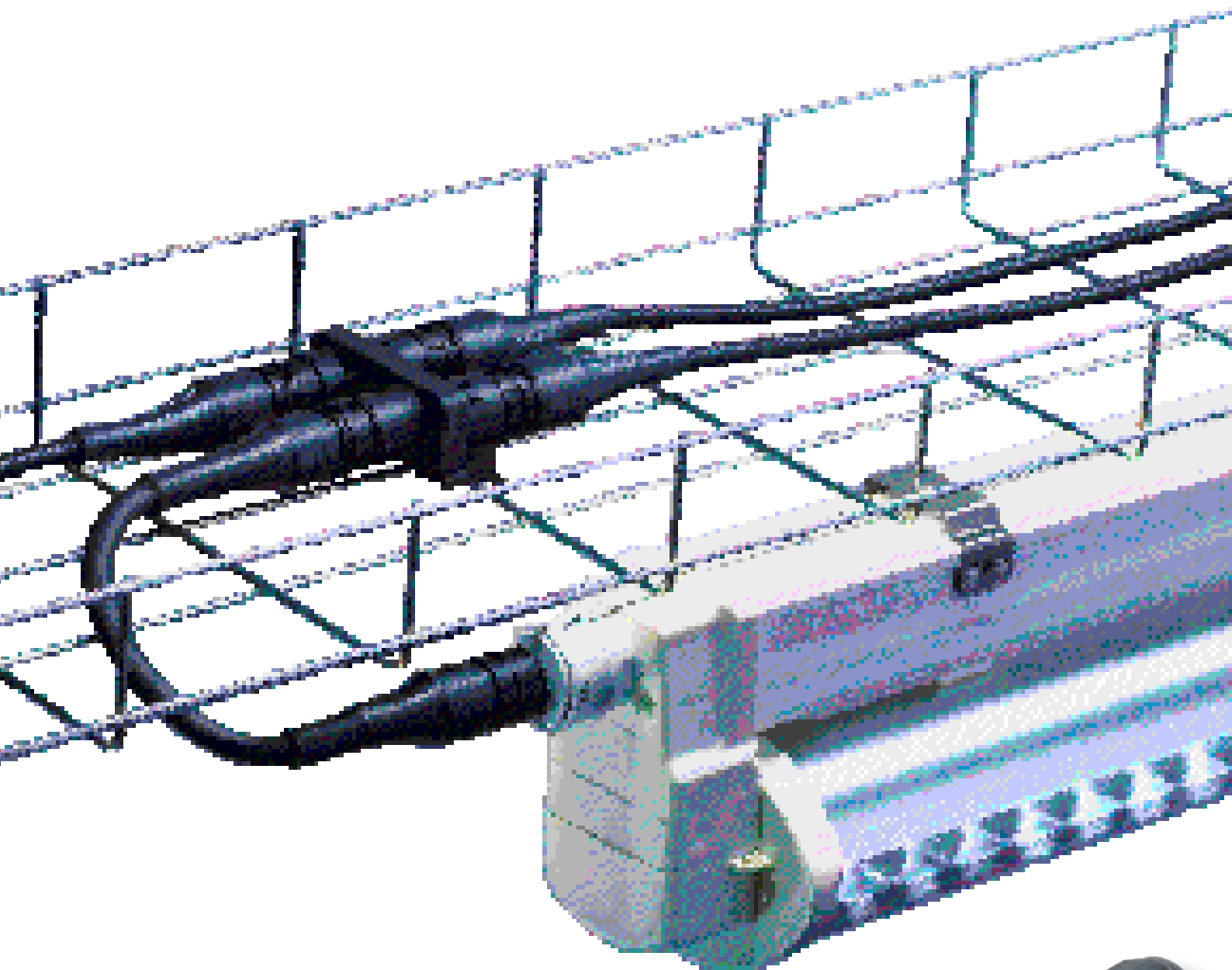
⑥ End caps

They are used to safely cover unused contacts. The IP protection is therefore maintained when the device is unplugged.

Overview matrix

Codings and applications at a glance

| | | RST 20i2 2 pole, 20A | | | RST 20i3 3 pole, 20A | | | |
|--------------------------------|---|--|--|--|--|--|--|--|
| Pole marking | | L, N | 1, 2 | + , - | L, N, ⊕ | 1, 2, ⊕ | 1, 2, 3 | 1, 2, ⊕ |
| Application | | Protection class II | LV, signals, bus up to 50 V | AS-i bus | Power 250V | Power 250V/400V | Switching applications 230V | LV, signals, bus up to 50 V with ground |
| Contact insert male and female | |   |   |   |   |   |   |   |
| Connectors | 1 x cable entry | Ø 6 –10 mm | | | | | | |
| | | Ø 10 –14 mm | | | | | | |
| | | Ø 13 –18 mm | | | | | | |
| | | Ø 15 –25 mm | | | | | | |
| | | Ø 20 –32 mm | | | | | | |
| | | Flat cable 13 x 6 mm | | | | | | |
| | | AS-i profile cable | | | | | | |
| | 2 x cable entry | Ø 6 –10 mm | | | | | | |
| | | Ø 10 –14 mm | | | | | | |
| | | AS-i profile cable | | | | | | |
| Device connectors | 1- piece | M25 | | | | | | |
| | | M32 | | | | | | |
| | | M40 | | | | | | |
| | 2-piece | M16 straight | | | | | | |
| | | M16 7° angled | | | | | | |
| | | M20 straight | | | | | | |
| | | M20 angled | | | | | | |
| | | M25 | | | | | | |
| | | angled | | | | | | |
| | | | | | | | | |
| Distrib. units | Distribution block 1I/3O | | | | | | | |
| | RST compact/ multi-distribution units | | | | | | | |
| | Individual distribution box | | | | | | | |
| Cable assemblies | Expansion cable Female – Male | | | | | | | |
| | Power connection Female – Free end | | | | | | | |
| | Device connection Male – Free end | | | | | | | |
| | Power connection Safety plug – female | | | | | | | |
| | Power connection European connector, SKII – female | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



Applications in the fields of protection class II, low voltage or signals



Application example



General

The two pole connector is based on the 3 pole variation with one pole left empty.

Basically there are three variations: a connector for low-voltage applications (e.g. LEDs), a connector for AS Interface and a connector for applications covering protection class II. The latter are downward compatible with the 3 pole system with ground connector (RST 20i3). Thus you can change from the system with ground connector to the 2 pole system – but not vice versa!

Both connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. You therefore have the security of a clear separation of different applications without having to redo any incorrect connections.

The color of the connectors indicates the links that belong together.

Coding

| | | | | | Application | | | |
|--------------------|---|-----------------------|-----------------------|----------------------------|----------------------|----------------------|----------------------|----------------------|
| | | | | | Protection class II | | 50V | AS-i |
| | | | | | Mechanical coding | | | |
| | | | | | L, N | 1, 2 | + | - |
| | | | | | | | | |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | gray | black | brown | pebble gray |
| Connectors | 1 x cable entry | Screw Spring clamp | yes | 1 2 | | | | |
| | 2 x cable entry | Screw Spring clamp | yes | 1 2 | | | | |
| Distribution units | Distribution block 1 I / 3 O | | | | | | | |
| | RST compact distribution unit/multi-distribution unit | | | | available on request | available on request | available on request | available on request |
| | Individual distribution box | | | | available on request | available on request | available on request | available on request |
| | Series distribution unit for power LEDs | | | | | | | |
| Device connectors | M16 device connector, modular, straight | | | | | | | |
| | M16 device connector, modular, angled 7° | | | | | | | |
| | M25 device connector, standard | | | | | | | |
| | M20 device connector, standard | | | | | | | |
| | M20 device connector, modular, angled | | | | | | | |
| | M25 device connector, modular, angled | | | | | | | |
| Cable assemblies | Connection cable Male – Free end | | | | | | | |
| | Connection cable Female – Free end | | | | | | | |
| | Extension cable Male – Female | | | | | | | |
| | Connection cable Europ. conn. SK II – Female | pre-assembled | pre-assembled | pre-assembled | | | | |
| | Round cable | | | | | | | |
| | AS-i profile cable | | | | | | | |

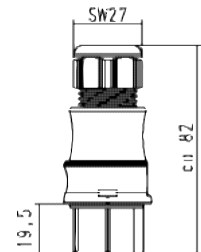


Connector

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

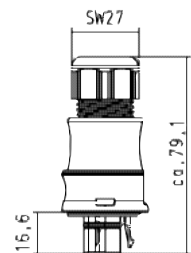


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|---------------------|--------|--------------------------------|-------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | 0.75 – 6.0 ²⁾ |
| | | | | 0.5 – 1.5 | without ferrules |
| | | | | with ferrules | |
| | | | | stranded | without ferrules |
| | | | | 0.75 – 1.5 | |
| | | | | with ferrules | |
| Protection class II | L, N | 6 – 10 | gray | 96.021.0053.0 | 96.021.4053.0 |
| | | | black | 96.021.0053.1 | 96.021.4053.1 |
| | | 10 – 14 | gray | 96.021.0153.0 | 96.021.4153.0 |
| | | | black | 96.021.0153.1 | 96.021.4153.1 |
| | | Illumination cable 13.3 x 5.3 | gray | 96.021.0453.0 | 96.021.4453.0 |
| | | H05RNH2-F2 x 1.5 ²⁾ | black | 96.021.0453.1 | 96.021.4453.1 |
| 50 V | 1, 2 | 6 – 10 | brown | 96.021.0051.4 | 96.021.4051.4 |
| | | | brown | 96.021.0951.4 | 96.021.4951.4 |
| AS-i | +, - | Round cable 6 – 10 | pebble gray | 96.021.0050.8 | 96.021.4050.8 |
| | | AS-i profile cable | pebble gray | 96.021.0950.8 | 96.021.4950.8 |

Male connector

Unmounted with cable gland and locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|---------------------|--------|--------------------------------|-------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | 0.75 – 6.0 ²⁾ |
| | | | | 0.5 – 1.5 | without ferrules |
| | | | | with ferrules | |
| | | | | stranded | without ferrules |
| | | | | 0.75 – 1.5 | |
| | | | | with ferrules | |
| Protection class II | N, L | 6 – 10 | gray | 96.022.0053.0 | 96.022.4053.0 |
| | | | black | 96.022.0053.1 | 96.022.4053.1 |
| | | 10 – 14 | gray | 96.022.0153.0 | 96.022.4153.0 |
| | | | black | 96.022.0153.1 | 96.022.4153.1 |
| | | Illumination cable 13.3 x 5.3 | gray | 96.022.0453.0 | 96.022.4453.0 |
| | | H05RNH2-F2 x 1.5 ²⁾ | black | 96.022.0453.1 | 96.022.4453.1 |
| 50 V | 2, 1 | 6 – 10 | brown | 96.022.0051.4 | 96.022.4051.4 |
| | | | brown | 96.022.0951.4 | 96.022.4951.4 |
| AS-i | -, + | Round cable 6 – 10 | pebble gray | 96.022.0050.8 | 96.022.4050.8 |
| | | AS-i profile cable | pebble gray | 96.022.0950.8 | 96.022.4950.8 |

¹⁾ With wire protection available on request

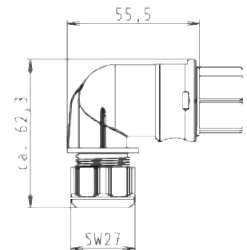
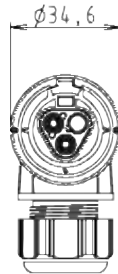
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated using suitable measures if required.

Connector, angled

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

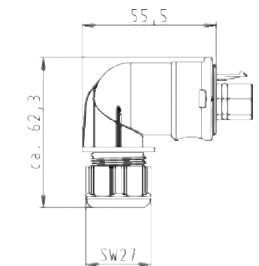
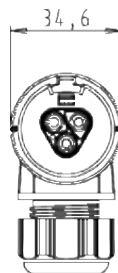


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|---------------------|--------|--------------------------------|-------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | fine-stranded |
| | | | | 0.5 – 1.5 | with ferrules |
| | | | | stranded | stranded |
| | | | | 0.75 – 1.5 | without ferrules |
| | | | | | without ferrules |
| Protection class II | L, N | 6 – 10 | gray | 96.023.0053.0 | 96.023.4053.0 |
| | | | black | 96.023.0053.1 | 96.023.4053.1 |
| | | 10 – 14 | gray | 96.023.0153.0 | 96.023.4153.0 |
| | | | black | 96.023.0153.1 | 96.023.4153.1 |
| | | Illumination cable 13.3 x 5.3 | gray | 96.023.0453.0 | 96.023.4453.0 |
| | | H05RNH2-F2 x 1.5 ²⁾ | black | 96.023.0453.1 | 96.023.4453.1 |
| 50 V | 1, 2 | 6 – 10 | brown | 96.023.0051.4 | 96.023.4051.4 |
| | | AS-i profile cable | brown | 96.023.0951.4 | 96.023.4951.4 |
| AS-i | +, - | Round cable 6 – 10 | pebble gray | 96.023.0050.8 | 96.023.4050.8 |
| | | AS-i profile cable | pebble gray | 96.023.0950.8 | 96.023.4950.8 |

Male connector

Unmounted with cable gland and locking device. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|---------------------|--------|--------------------------------|-------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | fine-stranded |
| | | | | 0.5 – 1.5 | with ferrules |
| | | | | stranded | stranded |
| | | | | 0.75 – 1.5 | without ferrules |
| | | | | | without ferrules |
| Protection class II | N, L | 6 – 10 | gray | 96.024.0053.0 | 96.024.4053.0 |
| | | | black | 96.024.0053.1 | 96.024.4053.1 |
| | | 10 – 14 | gray | 96.024.0153.0 | 96.024.4153.0 |
| | | | black | 96.024.0153.1 | 96.024.4153.1 |
| | | Illumination cable 13.3 x 5.3 | gray | 96.024.0453.0 | 96.024.4453.0 |
| | | H05RNH2-F2 x 1.5 ²⁾ | black | 96.024.0453.1 | 96.024.4453.1 |
| 50 V | 2, 1 | 6 – 10 | brown | 96.024.0051.4 | 96.024.4051.4 |
| | | AS-i profile cable | brown | 96.024.0951.4 | 96.024.4951.4 |
| AS-i | -, + | Round cable 6 – 10 | pebble gray | 96.024.0050.8 | 96.024.4050.8 |
| | | AS-i profile cable | pebble gray | 96.024.0950.8 | 96.024.4950.8 |

¹⁾ With wire protection available on request

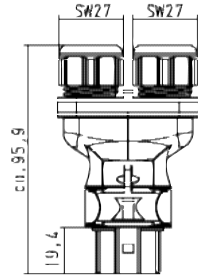
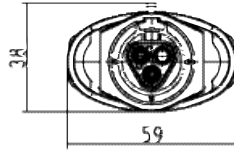
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated using suitable measures if required.

Splitter connector

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|---------------------|--------|-------------------------------|-------|---|-----------------------------|
| | | | | with spring clamp connection | |
| | | | | Wire | mm ² Ferrules |
| | | | | rigid | 0.5 – 2.5 |
| | | | | fine-stranded | 0.5 – 1.5 with ferrules |
| | | | | stranded | 0.75 – 1.5 with ferrules |
| | | | | with screw connection¹⁾ | |
| | | | | Wire | mm ² |
| | | | | rigid | |
| | | | | fine-stranded | 0.75 – 2.5 without ferrules |
| | | | | stranded | without ferrules |
| Protection class II | L, N | 6 – 10 | gray | 96.021.0253.0 | 96.021.4253.0 |
| | | 10 – 14 | black | 96.021.0253.1 | 96.021.4253.1 |
| 50 V | 1, 2 | Illumination cable 13.3 x 5.3 | gray | 96.021.0353.0 | 96.021.4353.0 |
| | | H05RNH2-F2 x 1.5 ² | black | 96.021.0353.1 | 96.021.4353.1 |
| | | | | on request | on request |
| | | | | 6 – 10 | 96.021.0251.4 |
| | | | | 10 – 14 | 96.021.0351.4 |
| | | | | | 96.021.4251.4 |
| | | | | | 96.021.4351.4 |

Mounting plate For splitter connectors



| Color | Part No. |
|-------|---------------|
| gray | 01.006.1553.0 |
| black | 01.006.1553.1 |

¹⁾ With wire protection available on request

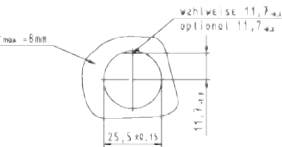
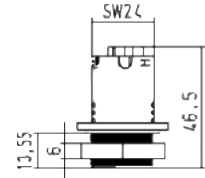
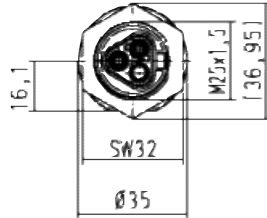
M 25 device connector, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

For spacer rings for unlocking at the device connector, see Accessories.



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | L, N | gray black |
| 50 V | | 1, 2 | brown |
| AS-i | | +, - | pebble gray |

| Application | Coding | Color | Part No. |
|-------------------------------------|--------|-----------------|---------------|
| with spring clamp connection | | | |
| Wire | | mm ² | Ferrules |
| rigid | | 0.5 – 2.5 | |
| fine-stranded | | 0.5 – 1.5 | with ferrules |
| stranded | | 0.75 – 1.5 | with ferrules |
| Term. poles | | 2 | |
| Thread | | M25 x 1.5 | |
| Gland | | outside | |
| | | | 96.021.1053.0 |
| | | | 96.021.1053.1 |
| | | | 96.021.1051.4 |
| | | | 96.021.1050.8 |

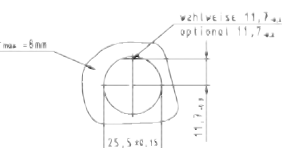
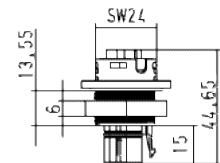
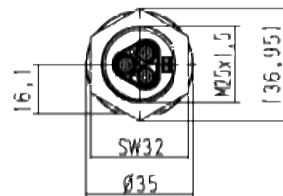
| Application | Coding | Color | Part No. |
|---|------------|-----------------|------------------|
| with screw connection¹⁾ | | | |
| Wire | | mm ² | Ferrules |
| rigid | | | |
| fine-stranded | 0.75 – 6.0 | | without ferrules |
| stranded | | | without ferrules |
| Term. poles | 1 | | |
| Thread | M25 x 1.5 | | |
| Gland | outside | | |
| | | | 96.021.5053.0 |
| | | | 96.021.5053.1 |
| | | | 96.021.5051.4 |
| | | | 96.021.5050.8 |

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | N, L | gray black |
| 50 V | | 2, 1 | brown |
| AS-i | | -, + | pebble gray |

| Application | Coding | Color | Part No. |
|-------------------------------------|--------|-----------------|---------------|
| with spring clamp connection | | | |
| Wire | | mm ² | Ferrules |
| rigid | | 0.5 – 2.5 | |
| fine-stranded | | 0.5 – 1.5 | with ferrules |
| stranded | | 0.75 – 1.5 | with ferrules |
| Term. poles | | 2 | |
| Thread | | M25 x 1.5 | |
| Gland | | outside | |
| | | | 96.022.1053.0 |
| | | | 96.022.1053.1 |
| | | | 96.022.1051.4 |
| | | | 96.022.1050.8 |

| Application | Coding | Color | Part No. |
|---|--------------------------|-----------------|------------------|
| with screw connection¹⁾ | | | |
| Wire | | mm ² | Ferrules |
| rigid | | | |
| fine-stranded | 0.75 – 6.0 ²⁾ | | without ferrules |
| stranded | | | without ferrules |
| Term. poles | 1 | | |
| Thread | M25 x 1.5 | | |
| Gland | outside | | |
| | | | 96.022.5053.0 |
| | | | 96.022.5053.1 |
| | | | 96.022.5051.4 |
| | | | 96.022.5050.8 |

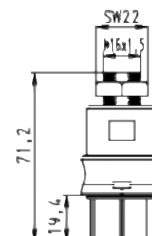
¹⁾ With wire protection available on request

M 16 device connector, modular, straight

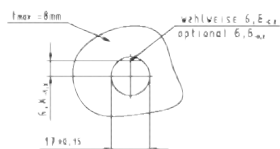
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | L, N | gray black |
| 50 V | | 1, 2 | brown |
| AS-i | | +, - | pebble gray |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.021.2153.0
96.021.2153.1
96.021.2151.4

96.021.2150.8

Part No.

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

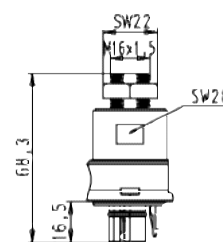
96.021.6153.0
96.021.6153.1
96.021.6151.4

96.021.6150.8

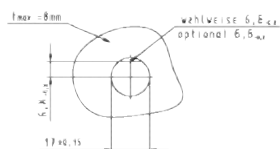
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | N, L | gray black |
| 50 V | | 2, 1 | brown |
| AS-i | | -, + | pebble gray |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.022.2153.0
96.022.2153.1
96.022.2151.4

96.022.2150.8

Part No.

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.022.6153.0
96.022.6153.1
96.022.6151.4

96.022.6150.8

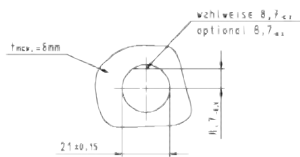
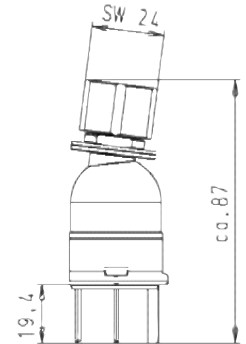
¹⁾ With wire protection available on request

M 16 device connector, modular, 7° angle

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | L, N | gray black brown |
| 50 V | | 1, 2 | |
| AS-i | | +, - | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.025.2153.0
96.025.2153.1
96.025.2151.4

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

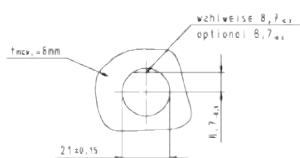
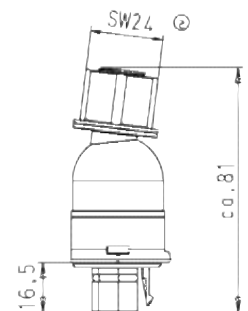
96.025.6153.0
96.025.6153.1
96.025.6151.4

96.025.6150.8

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | N, L | gray black brown |
| 50 V | | 2, 1 | |
| AS-i | | -, + | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.026.2153.0
96.026.2153.1
96.026.2151.4

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

96.026.6153.0
96.026.6153.1
96.026.6151.4

96.026.6150.8

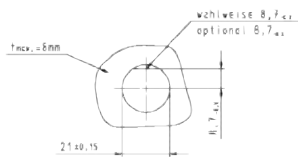
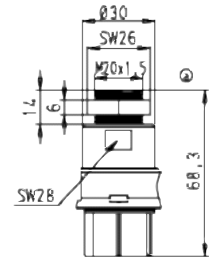
¹⁾ With wire protection available on request

M 20 device connector, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | L, N | gray black |
| 50 V | | 1, 2 | brown |
| AS-i | | +, - | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.021.2053.0
96.021.2053.1
96.021.2051.4

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

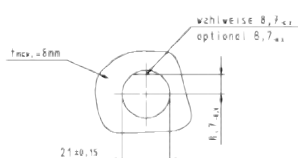
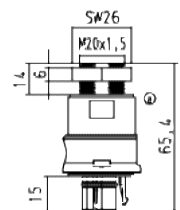
96.021.6053.0
96.021.6053.1
96.021.6051.4

96.021.6050.8

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|---------------|
| Protection class II | | N, L | gray black |
| 50 V | | 2, 1 | brown |
| AS-i | | -, + | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.022.2053.0
96.022.2053.1
96.022.2051.4

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.022.6053.0
96.022.6053.1
96.022.6051.4

96.022.6050.8

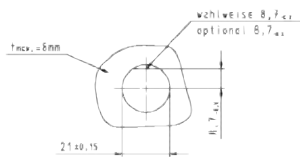
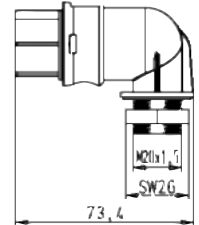
¹⁾ With wire protection available on request

M 20 device connector, modular, angled

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | L, N | gray black brown |
| 50 V | | 1, 2 | |
| AS-i | | +, - | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.023.2053.0
96.023.2053.1
96.023.2051.4

96.023.2050.8

Part No.

with screw connection¹⁾

| Wire | mm ² | |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

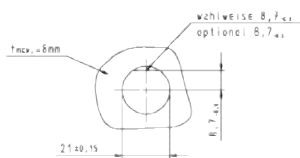
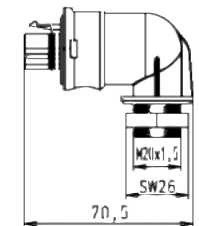
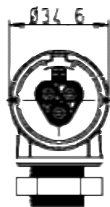
96.023.6053.0
96.023.6053.1
96.023.6051.4

96.023.6050.8

Steckerteil

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | N, L | gray black brown |
| 50 V | | 2, 1 | |
| AS-i | | -, + | pebble gray |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.024.2053.0
96.024.2053.1
96.024.2051.4

96.024.2050.8

Part No.

with screw connection¹⁾

| Wire | mm ² | |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

96.024.6053.0
96.024.6053.1
96.024.6051.4

96.024.6050.8

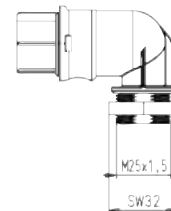
¹⁾ With wire protection available on request

M 25 device connector, modular, angled

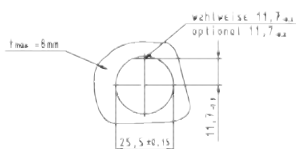
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | L, N | gray black brown |
| 50 V | | 1, 2 | |
| AS-i | | +, - | pebble gray |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

96.023.2253.0
96.023.2253.1
96.023.2251.4

96.023.2250.8

Part No.

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

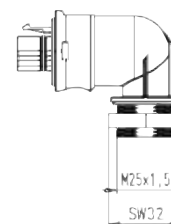
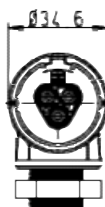
96.023.6253.0
96.023.6253.1
96.023.6251.4

96.023.6250.8

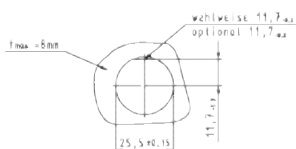
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | N, L | gray black brown |
| 50 V | | 2, 1 | |
| AS-i | | -, + | pebble gray |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

96.024.2253.0
96.024.2253.1
96.024.2251.4

96.024.2250.8

Part No.

with screw connection¹⁾

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

96.024.6253.0
96.024.6253.1
96.024.6251.4

96.024.6250.8

¹⁾ With wire protection available on request

Accessories – Cover pieces

Female connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused male connectors | Safe locking device unused male connectors |
| gray | 05.564.4453.0 | 99.415.6205.2 |
| black | 05.564.4453.1 | 99.416.6205.2 |

Male connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused female connectors | Safe locking device unused female connectors |
| gray | Z5.564.4553.0 | 99.413.6205.2 |
| black | Z5.564.4553.1 | 99.414.6205.2 |



Cable assemblies 1.5 mm², 16A

| H05VV-F 2x1.5 containing halogen  Protection class II: N = BU L = BN 50V: 1 = BU 2 = BN | |  | |  | |  | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|----------|---|----------|--|--------------------------------|---|--|--------------------------|--|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|----------------|----------|--|--|------------------------|--|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|----------------|-----|---|--|------------------------------------|--|-------------|--|--------|-----|-------|------|-------------|------|
| Cable ¹⁾ and shrinkage tube Color black | | <table border="1"> <tr><td colspan="2">Female – Male</td></tr> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | | Female – Male | | Extension cable | | Locking device | yes | <table border="1"> <tr><td colspan="2">Female – Free end</td></tr> <tr><td colspan="2">Connection cable</td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>possible</td></tr> </table> | | Female – Free end | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | possible | <table border="1"> <tr><td colspan="2">Male – Free end</td></tr> <tr><td colspan="2">Connection cable</td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | | Male – Free end | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | yes | <table border="1"> <tr><td colspan="2">European connector SKII</td></tr> <tr><td colspan="2">Power cable</td></tr> <tr><td>Female</td><td>RST</td></tr> <tr><td>Color</td><td>gray</td></tr> <tr><td>Cable color</td><td>gray</td></tr> </table> | | European connector SKII | | Power cable | | Female | RST | Color | gray | Cable color | gray |
| Female – Male | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female – Free end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | possible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male – Free end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| European connector SKII | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female | RST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color | gray | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cable color | gray | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection class II | 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 | 96.222.1000.1 96.222.2000.1 96.222.3000.1 96.222.4000.1 96.222.5000.1 96.222.6000.1 96.222.7000.1 96.222.8000.1 | 96.222.1003.1 96.222.2003.1 96.222.3003.1 96.222.4003.1 96.222.5003.1 96.222.6003.1 96.222.7003.1 96.222.8003.1 | 96.222.1004.1 96.222.2004.1 96.222.3004.1 96.222.4004.1 96.222.5004.1 96.222.6004.1 96.222.7004.1 96.222.8004.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection class II | 1.5 2.5 | | | | | | | | 99.710.0000.7 99.711.0000.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 V | 1.0 1, 2 2.0 3.0 4.0 5.0 6.0 7.0 8.0 | 96.222.1002.4 96.222.2002.4 96.222.3002.4 96.222.4002.4 96.222.5002.4 96.222.6002.4 96.222.7002.4 96.222.8002.4 | 96.222.1007.4 96.222.2007.4 96.222.3007.4 96.222.4007.4 96.222.5007.4 96.222.6007.4 96.222.7007.4 96.222.8007.4 | 96.222.1008.4 96.222.2008.4 96.222.3008.4 96.222.4008.4 96.222.5008.4 96.222.6008.4 96.222.7008.4 96.222.8008.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A

| H07RN-F 2x1.5 Insulating rubber compound  Protection class II: N = BU L = BN 50V: 1 = BU 2 = BN | |  | |  | |  | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|---------------|--|-----------------|---|----------------|--|---|--|-------------------|--|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|----------------|----------|--|--|-----------------|--|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|----------------|-----|---|--|-------------------------|--|-------------|--|--------|-----|-------|-------|-------------|-------|
| Cable ¹⁾ and shrinkage tube | <table border="1"> <tr><th colspan="2">Female – Male</th></tr> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | | Female – Male | | Extension cable | | Locking device | yes | <table border="1"> <tr><th colspan="2">Female – Free end</th></tr> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>possible</td></tr> </table> | | Female – Free end | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | possible | <table border="1"> <tr><th colspan="2">Male – Free end</th></tr> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | | Male – Free end | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | yes | <table border="1"> <tr><th colspan="2">European connector SKII</th></tr> <tr><td>Power cable</td><td></td></tr> <tr><td>Female</td><td>RST</td></tr> <tr><td>Color</td><td>black</td></tr> <tr><td>Cable color</td><td>black</td></tr> </table> | | European connector SKII | | Power cable | | Female | RST | Color | black | Cable color | black |
| | Female – Male | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female – Free end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | possible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male – Free end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| European connector SKII | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female | RST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color | black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cable color | black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection class II L, N  | 1.0 | 96.222.1030.1 | 96.222.1033.1 | 96.222.1034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.0 | 96.222.2030.1 | 96.222.2033.1 | 96.222.2034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.0 | 96.222.3030.1 | 96.222.3033.1 | 96.222.3034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.0 | 96.222.4030.1 | 96.222.4033.1 | 96.222.4034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.0 | 96.222.5030.1 | 96.222.5033.1 | 96.222.5034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6.0 | 96.222.6030.1 | 96.222.6033.1 | 96.222.6034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.0 | 96.222.7030.1 | 96.222.7033.1 | 96.222.7034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8.0 | 96.222.8030.1 | 96.222.8033.1 | 96.222.8034.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection class II | 1.5 2.5 | | | | | 99.708.0000.7 99.709.0000.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 V 1, 2  | 1.0 | 96.222.1032.4 | 96.222.1037.4 | 96.222.1038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.0 | 96.222.2032.4 | 96.222.2037.4 | 96.222.2038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.0 | 96.222.3032.4 | 96.222.3037.4 | 96.222.3038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.0 | 96.222.4032.4 | 96.222.4037.4 | 96.222.4038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.0 | 96.222.5032.4 | 96.222.5037.4 | 96.222.5038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6.0 | 96.222.6032.4 | 96.222.6037.4 | 96.222.6038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.0 | 96.222.7032.4 | 96.222.7037.4 | 96.222.7038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8.0 | 96.222.8032.4 | 96.222.8037.4 | 96.222.8038.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


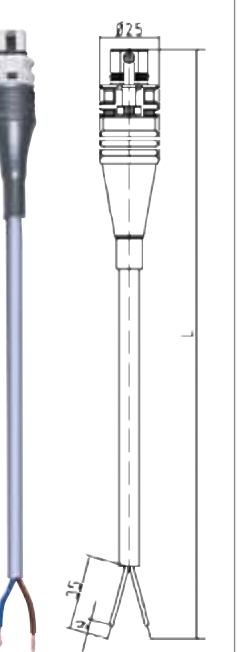



¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A, AS-i, 50V (24V auxiliary voltage)

| | | | | | |
|---|---|---|--|---|--|
| <p>Ölflex Classic 100 2x1.5</p> <p>containing halogen</p>  <p>AS-i: - = BN + = BU</p> <p>50V: 1 = BU 2 = BN</p>  <p>Cable¹⁾ color gray</p> |  |  |  | | |
| | <p>Female – Male</p> <p>Extension cable</p> <p>Locking device yes</p> | <p>Female – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p> <p>Locking device possible</p> | <p>Male – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p> <p>Locking device yes</p> | | |
| | <p>Application Length²⁾ m Part No.</p> | <p>Part No.</p> | <p>Part No.</p> | <p>Part No.</p> | |
| | <p>AS-i</p> <p>+, -</p>  <p>1.0</p> <p>2.0</p> <p>3.0</p> <p>4.0</p> <p>5.0</p> <p>6.0</p> <p>7.0</p> <p>8.0</p> | <p>96.222.1092.8</p> <p>96.222.2092.8</p> <p>96.222.3092.8</p> <p>96.222.4092.8</p> <p>96.222.5092.8</p> <p>96.222.6092.8</p> <p>96.222.7092.8</p> <p>96.222.8092.8</p> | <p>96.222.1097.8</p> <p>96.222.2097.8</p> <p>96.222.3097.8</p> <p>96.222.4097.8</p> <p>96.222.5097.8</p> <p>96.222.6097.8</p> <p>96.222.7097.8</p> <p>96.222.8097.8</p> | <p>96.222.1098.8</p> <p>96.222.2098.8</p> <p>96.222.3098.8</p> <p>96.222.4098.8</p> <p>96.222.5098.8</p> <p>96.222.6098.8</p> <p>96.222.7098.8</p> <p>96.222.8098.8</p> | |
| <p>50 V</p> <p>1, 2</p>  <p>1.0</p> <p>2.0</p> <p>3.0</p> <p>4.0</p> <p>5.0</p> <p>6.0</p> <p>7.0</p> <p>8.0</p> | <p>96.222.1092.4</p> <p>96.222.2092.4</p> <p>96.222.3092.4</p> <p>96.222.4092.4</p> <p>96.222.5092.4</p> <p>96.222.6092.4</p> <p>96.222.7092.4</p> <p>96.222.8092.4</p> | <p>96.222.1097.4</p> <p>96.222.2097.4</p> <p>96.222.3097.4</p> <p>96.222.4097.4</p> <p>96.222.5097.4</p> <p>96.222.6097.4</p> <p>96.222.7097.4</p> <p>96.222.8097.4</p> | <p>96.222.1098.4</p> <p>96.222.2098.4</p> <p>96.222.3098.4</p> <p>96.222.4098.4</p> <p>96.222.5098.4</p> <p>96.222.6098.4</p> <p>96.222.7098.4</p> <p>96.222.8098.4</p> | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

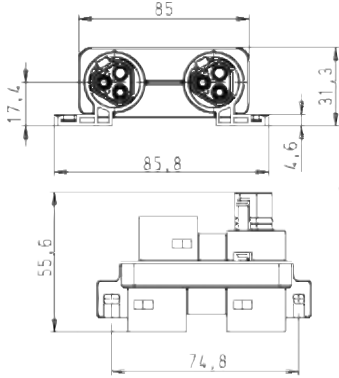
Cable assemblies 2.5 mm², 20 A, AS-i, 50V (24V auxiliary voltage)

| | | | | | |
|---|---|---|--|-----------------|--|
| <p>Ölflex Classic 100 2x2.5</p> <p>containing halogen</p>  <p>AS-i: - = BN + = BU</p> <p>50V: 1 = BU 2 = BN</p>  <p>Cable¹⁾ color gray</p> |  |  |  | | |
| | <p>Female – Male</p> <p>Extension cable</p> <p>Locking device yes</p> | <p>Female – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p> <p>Locking device possible</p> | <p>Male – Free end</p> <p>Connection cable</p> <p>Wire ends ultrason. welded</p> <p>Sheath strip length 35 mm</p> <p>Insul. strip length 9 mm</p> <p>Locking device yes</p> | | |
| | <p>Application Length²⁾ m Part No.</p> | <p>Part No.</p> | <p>Part No.</p> | <p>Part No.</p> | |
| | <p>AS-i 1.0 96.223.1092.8</p> <p> 2.0 96.223.2092.8</p> <p> 3.0 96.223.3092.8</p> <p> 4.0 96.223.4092.8</p> <p> 5.0 96.223.5092.8</p> <p> 6.0 96.223.6092.8</p> <p> 7.0 96.223.7092.8</p> <p> 8.0 96.223.8092.8</p> | <p>96.223.1097.8</p> <p>96.223.2097.8</p> <p>96.223.3097.8</p> <p>96.223.4097.8</p> <p>96.223.5097.8</p> <p>96.223.6097.8</p> <p>96.223.7097.8</p> <p>96.223.8097.8</p> | <p>96.223.1098.8</p> <p>96.223.2098.8</p> <p>96.223.3098.8</p> <p>96.223.4098.8</p> <p>96.223.5098.8</p> <p>96.223.6098.8</p> <p>96.223.7098.8</p> <p>96.223.8098.8</p> | | |
| <p>50 V 1.0 96.223.1092.4</p> <p> 2.0 96.223.2092.4</p> <p> 3.0 96.223.3092.4</p> <p> 4.0 96.223.4092.4</p> <p> 5.0 96.223.5092.4</p> <p> 6.0 96.223.6092.4</p> <p> 7.0 96.223.7092.4</p> <p> 8.0 96.223.8092.4</p> | <p>96.223.1097.4</p> <p>96.223.2097.4</p> <p>96.223.3097.4</p> <p>96.223.4097.4</p> <p>96.223.5097.4</p> <p>96.223.6097.4</p> <p>96.223.7097.4</p> <p>96.223.8097.4</p> | <p>96.223.1098.4</p> <p>96.223.2098.4</p> <p>96.223.3098.4</p> <p>96.223.4098.4</p> <p>96.223.5098.4</p> <p>96.223.6098.4</p> <p>96.223.7098.4</p> <p>96.223.8098.4</p> | | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

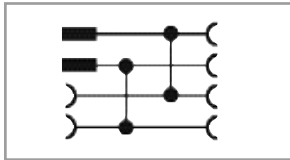
Distribution unit

Distribution unit 11/30 (parallel connection)



Application Coding Color

Circuit diagram



| | | | |
|---------------------|--|------|------------------------|
| Protection class II | | L, N | black gray brown |
| 50 V | | 1, 2 | |
| AS-i | | +, - | pebble gray |

Part No.

with mounting option

| | | |
|----------------|-----|----------------|
| Locking device | yes | |
| Input | 1 | Male, 3 pole |
| Outputs | 3 | Female, 3 pole |

96.020.0153.1
96.020.0153.0
96.020.0151.4
96.020.0150.8

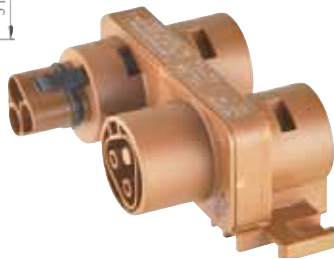
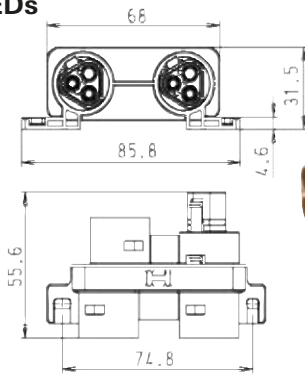
Part No.

without mounting option

| | | |
|----------------|-----|----------------|
| Locking device | yes | |
| Input | 1 | Male, 3 pole |
| Outputs | 3 | Female, 3 pole |

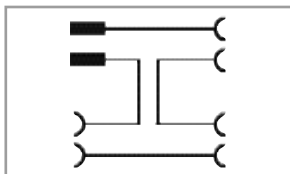
96.020.0253.1
96.020.0253.0
96.020.0251.4
96.020.0250.8

Series distribution unit 11/30 for power LEDs



Application Coding Color

Circuit diagram



| | | | |
|------|--|------|-------|
| 50 V | | 1, 2 | brown |
|------|--|------|-------|

Part No.

with mounting option

99.910.0000.7

Part No.

Jumper plug

For jumpering of unused slots on the series distribution unit

99.537.0000.7

Distribution unit

RST compact distribution unit 11/30



| Name | Color | Part No. |
|--------------------------------------|-------|------------|
| RST compact distribution unit | black | on request |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|------------------------------------|
| Dimensions | 104 x 162 x 57,2 mm |
| Fitted as required with | M25 device connectors 2-pole |
| Input | 1, RST20i2 |
| Outputs | 3, RST20i2 |
| Prewired with | 2.5 mm ² (halogen-free) |
| Fastening options | yes |

RST multi-distribution unit 11/70



| Name | Color | Part No. |
|------------------------------------|-------|------------|
| RST multi-distribution unit | black | on request |

Detailed information about the distribution units available in section "Distribution units".

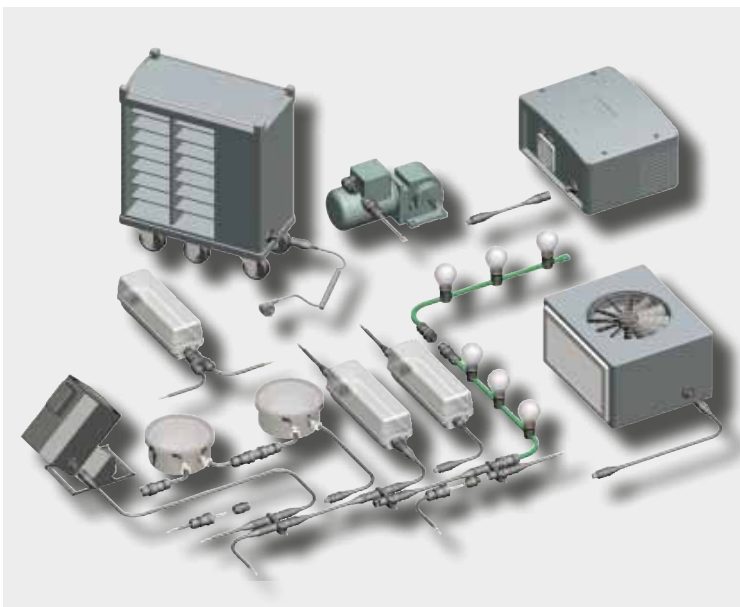
| | |
|-------------------------|------------------------------------|
| Dimensions | 104 x 162 x 96 mm |
| Fitted as required with | M25 device connectors 2-pole |
| Input | 1, RST20i2 |
| Outputs | 7, RST20i2 |
| Prewired with | 2.5 mm ² (halogen-free) |
| Fuses | 6.3 or 10 A can be integrated |





Standard version for power applications – multi-phase systems, 250 V switching applications and low voltage

Application example

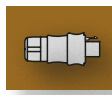


General

The 3 pole connectors are available in four versions: the standard version for general power applications, a version for low voltage up to 50 V with ground conductor; another version for switching applications up to 250 V, and finally a green coding for applications in multi-phase systems.

Both connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. You therefore have the security of a clear separation of different applications without having to redo any incorrect connections.

The color of the connectors indicates the links that belong together.



Coding

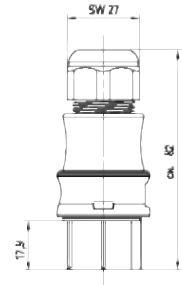
| | | | | | Application | | | | | |
|--------------------|---|-----------------------|-----------------------|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| | | | | | Power 250 V | Power 250/400 V | LV, signals bus 50 V | Switch. funct. 250 V | | |
| | | | | | Mechanical coding | | | | | |
| | | | | | L, N, ⊕ | 1, 2, ⊕ | 1, 2, ⊕ | 1, 2, 3 | | |
| | | | | | | | | | | |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | gray | black | green | brown | light blue | |
| Connectors | 1 x cable entry | Screw Spring clamp | yes | 1 | | | | | | |
| | 2 x cable entry | Screw Spring clamp | yes | 2 | | | | | | |
| Distribution units | Distribution block 1/3 0 | | | | | | | | | |
| | RST compact distribution unit/multi-distribution unit | | | | available on request | available on request | available on request | available on request | available on request | |
| | Individual distribution box | | | | available on request | available on request | available on request | available on request | available on request | |
| Device connectors | M16 device connector, modular, straight | | | | | | | | | |
| | M16 device connector, modular, angled 7° | | | | | | | | | |
| | M25 device connector, standard | | | | | | | | | |
| | M20 device connector, standard | | | | | | | | | |
| | M20 device connector, modular, angled | | | | | | | | | |
| | M25 device connector, modular, angled | | | | | | | | | |
| Cable assemblies | Connection cable Male – Free end | pre-assembled | pre-assembled | pre-assembled | | | | | | |
| | Connection cable Female – Free end | | | | | | | | | |
| | Extension cable Male – Female | | | | | | | | | |
| | Connection cable Female grounding conn. | | | | | | | | | |

Connector for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

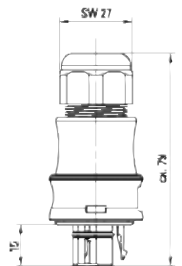


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|--------------------|----------|----------------------|------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | 0.75 – 6.0 ²⁾ |
| | | | | 0.5 – 1.5 | without ferrules |
| | | | | with ferrules | |
| | | | | stranded | without ferrules |
| | | | | 0.75 – 1.5 | |
| Power 250 V | L, N, PE | 6 – 10 | gray black | 96.031.0053.0 | 96.031.4053.0 |
| | | 10 – 14 | gray black | 96.031.0053.1 | 96.031.4053.1 |
| Power 250/400 V | 1, 2, PE | 6 – 10 | green | 96.031.0153.0 | 96.031.4153.0 |
| 50 V | 1, 2, PE | 10 – 14 | green | 96.031.0153.1 | 96.031.4153.1 |
| + PE | 1, 2, PE | 6 – 10 | brown | 96.031.0055.7 | 96.031.4055.7 |
| | | 10 – 14 | brown | 96.031.0155.7 | 96.031.4155.7 |
| Switch.func. 250 V | 1, 2, 3 | 6 – 10 | light blue | 96.031.0051.4 | 96.031.4051.4 |
| | | 10 – 14 | light blue | 96.031.0151.4 | 96.031.4151.4 |
| | | 6 – 10 | | 96.031.0053.9 | 96.031.4053.9 |
| | | 10 – 14 | | 96.031.0153.9 | 96.031.4153.9 |

Male connector

Unmounted with cable gland and with locking device.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|--------------------|----------|----------------------|------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | 0.75 – 6.0 ²⁾ |
| | | | | 0.5 – 1.5 | without ferrules |
| | | | | with ferrules | |
| | | | | stranded | without ferrules |
| | | | | 0.75 – 1.5 | |
| Power 250 V | N, L, PE | 6 – 10 | gray black | 96.032.0053.0 | 96.032.4053.0 |
| | | 10 – 14 | gray black | 96.032.0053.1 | 96.032.4053.1 |
| Power 250/400 V | 2, 1, PE | 6 – 10 | green | 96.032.0153.0 | 96.032.4153.0 |
| 50 V | 2, 1, PE | 10 – 14 | green | 96.032.0153.1 | 96.032.4153.1 |
| + PE | 2, 1, PE | 6 – 10 | brown | 96.032.0055.7 | 96.032.4055.7 |
| | | 10 – 14 | brown | 96.032.0155.7 | 96.032.4155.7 |
| Switch.func. 250 V | 2, 1, 3 | 6 – 10 | light blue | 96.032.0051.4 | 96.032.4051.4 |
| | | 10 – 14 | light blue | 96.032.0151.4 | 96.032.4151.4 |
| | | 6 – 10 | | 96.032.0053.9 | 96.032.4053.9 |
| | | 10 – 14 | | 96.032.0153.9 | 96.032.4153.9 |

¹⁾ With wire protection available on request

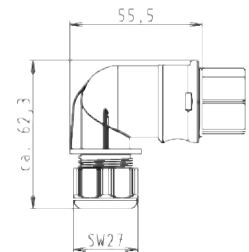
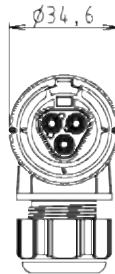
²⁾ With 6.0 mm² wires the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connector, angled for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

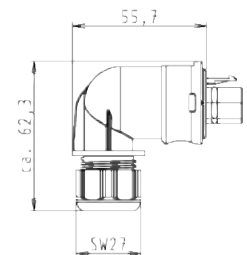


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|--------------------|----------|----------------------|------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | fine-stranded |
| | | | | 0.5 – 1.5 | 0.75 – 6.0 ²⁾ |
| | | | | with ferrules | without ferrules |
| | | | | stranded | stranded |
| | | | | 0.75 – 1.5 | without ferrules |
| | | | | with ferrules | without ferrules |
| Power 250 V | L, N, PE | 6 – 10 | gray | 96.033.0053.0 | 96.033.4053.0 |
| | | | black | 96.033.0053.1 | 96.033.4053.1 |
| | | 10 – 14 | gray | 96.033.0153.0 | 96.033.4153.0 |
| | | | black | 96.033.0153.1 | 96.033.4153.1 |
| Power 250/400 V | 1, 2, PE | 6 – 10 | green | 96.033.0055.7 | 96.033.4055.7 |
| | | 10 – 14 | | 96.033.0155.7 | 96.033.4155.7 |
| 50 V | 1, 2, PE | 6 – 10 | brown | 96.033.0051.4 | 96.033.4051.4 |
| | | 10 – 14 | | 96.033.0151.4 | 96.033.4151.4 |
| Switch.func. 250 V | 1, 2, 3 | 6 – 10 | light blue | 96.033.0053.9 | 96.033.4053.9 |
| | | 10 – 14 | | 96.033.0153.9 | 96.033.4153.9 |

Male connector

Unmounted with cable gland and with locking device. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|--------------------|----------|----------------------|------------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | mm ² | mm ² |
| | | | | Ferrules | |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | |
| | | | | fine-stranded | fine-stranded |
| | | | | 0.5 – 1.5 | 0.75 – 6.0 ²⁾ |
| | | | | with ferrules | without ferrules |
| | | | | stranded | stranded |
| | | | | 0.75 – 1.5 | without ferrules |
| | | | | with ferrules | without ferrules |
| Power 250 V | N, L, PE | 6 – 10 | gray | 96.034.0053.0 | 96.034.4053.0 |
| | | | black | 96.034.0053.1 | 96.034.4053.1 |
| | | 10 – 14 | gray | 96.034.0153.0 | 96.034.4153.0 |
| | | | black | 96.034.0153.1 | 96.034.4153.1 |
| Power 250/400 V | 2, 1, PE | 6 – 10 | green | 96.034.0055.7 | 96.034.4055.7 |
| | | 10 – 14 | | 96.034.0155.7 | 96.034.4155.7 |
| 50 V | 2, 1, PE | 6 – 10 | brown | 96.034.0051.4 | 96.034.4051.4 |
| | | 10 – 14 | | 96.034.0151.4 | 96.034.4151.4 |
| Switch.func. 250 V | 2, 1, 3 | 6 – 10 | light blue | 96.034.0053.9 | 96.034.4053.9 |
| | | 10 – 14 | | 96.034.0153.9 | 96.034.4153.9 |

¹⁾ With wire protection available on request

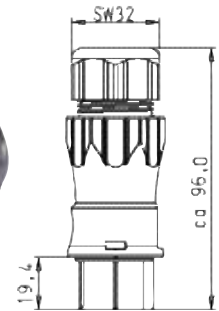
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Connector for cables of Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

See Technical Data for sheath and insulation strip lengths.

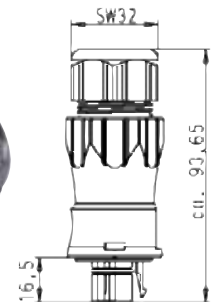


| Application | Coding | Cable diameter in mm | Color | Part No. | | | | | | | | | | | | | | | | |
|--|---------|--------------------------|-----------------|--------------------------------|-------------------------------------|--|------|-----------------|-------|--|--------------------------|--|---------------|--|------------------|--|----------|--|--|--|
| <table border="1"> <thead> <tr> <th colspan="2">with screw connection¹⁾</th> <th>Wire</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>rigid</td> <td></td> <td>0.75 – 6.0²⁾</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td></td> <td>without ferrules</td> <td></td> </tr> <tr> <td>stranded</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | with screw connection ¹⁾ | | Wire | mm ² | rigid | | 0.75 – 6.0 ²⁾ | | fine-stranded | | without ferrules | | stranded | | | |
| with screw connection ¹⁾ | | Wire | mm ² | | | | | | | | | | | | | | | | | |
| rigid | | 0.75 – 6.0 ²⁾ | | | | | | | | | | | | | | | | | | |
| fine-stranded | | without ferrules | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | |
| Power 250 V | L, N, ⊕ | 13 – 18 | gray black | 96.031.4553.0 96.031.4553.1 | | | | | | | | | | | | | | | | |
| Power 250/400 V | 1, 2, ⊕ | 13 – 18 | green | 96.031.4555.7 | | | | | | | | | | | | | | | | |

Male connector

Unmounted with cable gland and with locking device.

See Technical Data for sheath and insulation strip lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. | | | | | | | | | | | | | | | | |
|--|---------|--------------------------|-----------------|--------------------------------|-------------------------------------|--|------|-----------------|-------|--|--------------------------|--|---------------|--|------------------|--|----------|--|--|--|
| <table border="1"> <thead> <tr> <th colspan="2">with screw connection¹⁾</th> <th>Wire</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>rigid</td> <td></td> <td>0.75 – 6.0²⁾</td> <td></td> </tr> <tr> <td>fine-stranded</td> <td></td> <td>without ferrules</td> <td></td> </tr> <tr> <td>stranded</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | with screw connection ¹⁾ | | Wire | mm ² | rigid | | 0.75 – 6.0 ²⁾ | | fine-stranded | | without ferrules | | stranded | | | |
| with screw connection ¹⁾ | | Wire | mm ² | | | | | | | | | | | | | | | | | |
| rigid | | 0.75 – 6.0 ²⁾ | | | | | | | | | | | | | | | | | | |
| fine-stranded | | without ferrules | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | |
| Power 250 V | N, L, ⊕ | 13 – 18 | gray black | 96.032.4553.0 96.032.4553.1 | | | | | | | | | | | | | | | | |
| Power 250/400 V | 2, 1, ⊕ | 13 – 18 | green | 96.032.4555.7 | | | | | | | | | | | | | | | | |

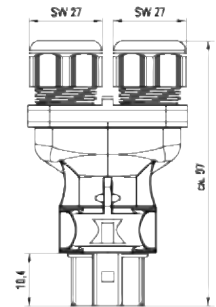
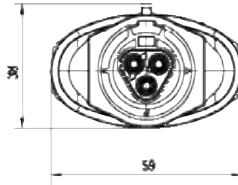
¹⁾ With wire protection available on request
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

Splitter connector

Female connector

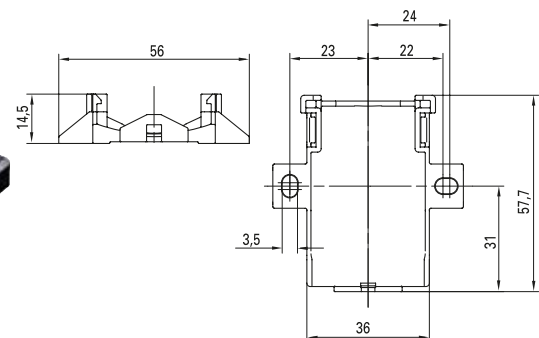
Unmounted with cable gland.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-----------------|---------|----------------------|-------|-------------------------------------|---|
| | | | | with spring clamp connection | with screw connection¹⁾ |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | 0.5 – 2.5 | 0.75 – 2.5 |
| | | | | fine-stranded | without ferrules |
| | | | | 0.5 – 1.5 | with ferrules |
| | | | | stranded | without ferrules |
| | | | | 0.75 – 1.5 | with ferrules |
| Power 250V | L, N, ⊕ | 6 – 10 | gray | 96.031.0253.0 | 96.031.4253.0 |
| | | 10 – 14 | black | 96.031.0253.1 | 96.031.4253.1 |
| | | | gray | 96.031.0353.0 | 96.031.4353.0 |
| | | | black | 96.031.0353.1 | 96.031.4353.1 |
| Power 250/400 V | 1, 2, ⊕ | 6 – 10 | green | 96.031.0255.7 | 96.031.4255.7 |
| | | 10 – 14 | | 96.031.0355.7 | 96.031.4355.7 |

Mounting plate For splitter connectors



| Color | Part No. |
|-------|---------------|
| gray | 01.006.1553.0 |
| black | 01.006.1553.1 |

¹⁾ With wire protection available on request

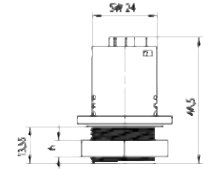
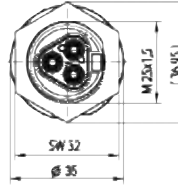
M 25 device connector, standard

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

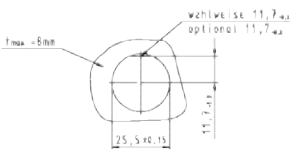
For spacer rings for unlocking at the device connectors, see Accessories.



Application Coding Color

Part No.

Part No.



| | | | |
|-------------------------|--|----------|---------------|
| Power 250 V | | L, N, PE | gray black |
| Power 250/400V | | 1, 2, PE | green |
| 50 V + ⊕ | | 1, 2, PE | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | outside | |

| | |
|---------------|---------------|
| 96.031.1053.0 | 96.031.1053.1 |
| 96.031.1055.7 | 96.031.1051.4 |
| 96.031.1051.4 | 96.031.1053.9 |

with screw connection

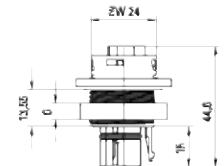
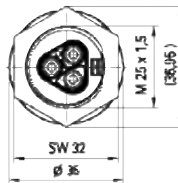
| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | outside | |

| | |
|---------------|---------------|
| 96.031.5053.0 | 96.031.5053.1 |
| 96.031.5055.7 | 96.031.5051.4 |
| 96.031.5051.4 | 96.031.5053.9 |

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside. With locking device.

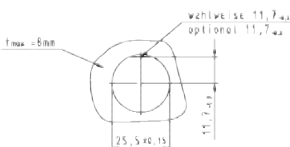
See the Technical Data for insulation strip lengths.



Application Coding Color

Part No.

Part No.



| | | | |
|-------------------------|--|----------|---------------|
| Power 250 V | | N, L, PE | gray black |
| Power 250/400V | | 2, 1, PE | green |
| 50 V + ⊕ | | 2, 1, PE | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | outside | |

| | |
|---------------|---------------|
| 96.032.1053.0 | 96.032.1053.1 |
| 96.032.1055.7 | 96.032.1051.4 |
| 96.032.1051.4 | 96.032.1053.9 |

with screw connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | outside | |

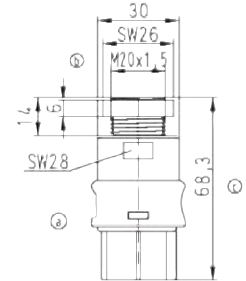
| | |
|---------------|---------------|
| 96.032.5053.0 | 96.032.5053.1 |
| 96.032.5055.7 | 96.032.5051.4 |
| 96.032.5051.4 | 96.032.5053.9 |

M 20 device connector, modular, straight

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

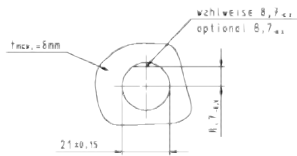
See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color

Part No.

Part No.



with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

with screw connection

| Wire | mm ² | |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | L, N, | gray black |
| Power 250/400V | | 1, 2, | green |
| 50 V + | | 1, 2, | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

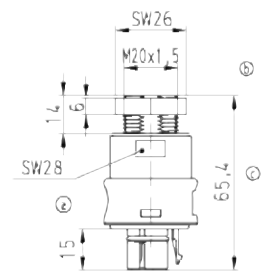
96.031.2053.0
96.031.2053.1
96.031.2055.7
96.031.2051.4
96.031.2053.9

96.031.6053.0
96.031.6053.1
96.031.6055.7
96.031.6051.4
96.031.6053.9

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

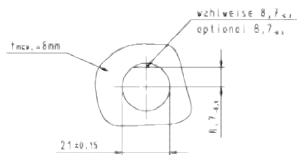
See the Technical Data for insulation strip lengths.



Application Coding Color

Part No.

Part No.



with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

with screw connection

| Wire | mm ² | |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | N, L, | gray black |
| Power 250/400V | | 2, 1, | green |
| 50 V + | | 2, 1, | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |

96.032.2053.0
96.032.2053.1
96.032.2055.7
96.032.2051.4
96.032.2053.9

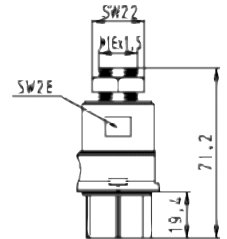
96.032.6053.0
96.032.6053.1
96.032.6055.7
96.032.6051.4
96.032.6053.9

M 16 device connector, modular, straight

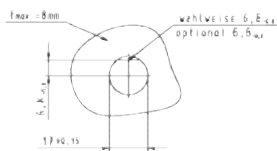
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. .

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | L, N | gray black |
| Power 250/400V | | 1, 2 | green |
| 50 V + | | 1, 2 | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

| |
|---------------|
| 96.031.2153.0 |
| 96.031.2153.1 |
| 96.031.2155.7 |
| 96.031.2151.4 |
| 96.031.2153.9 |

Part No.

with screw connection

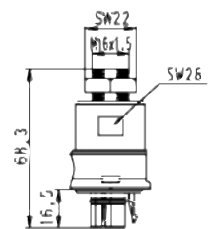
| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

| |
|---------------|
| 96.031.6153.0 |
| 96.031.6153.1 |
| 96.031.6155.7 |
| 96.031.6151.4 |
| 96.031.6153.9 |

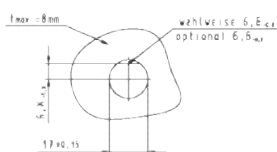
Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | N, L | gray black |
| Power 250/400V | | 2, 1 | green |
| 50 V + | | 2, 1 | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

| |
|---------------|
| 96.032.2153.0 |
| 96.032.2153.1 |
| 96.032.2155.7 |
| 96.032.2151.4 |
| 96.032.2153.9 |

Part No.

with screw connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

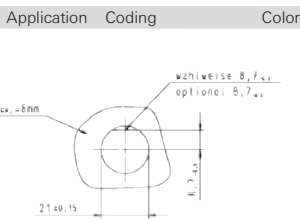
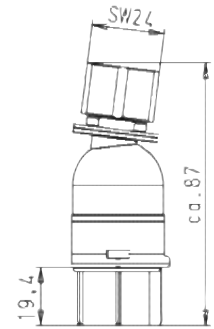
| |
|---------------|
| 96.032.6153.0 |
| 96.032.6153.1 |
| 96.032.6155.7 |
| 96.032.6151.4 |
| 96.032.6153.9 |

M 16 device connector, modular, 7° angle

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | L, N, ⊕ | gray black |
| Power 250/400V | | 1, 2, ⊕ | green |
| 50 V + ⊕ | | 1, 2, ⊕ | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

| with spring clamp connection | | |
|------------------------------|-----------------|---------------|
| Wire | mm ² | Ferrules |
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

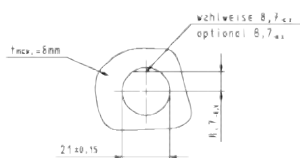
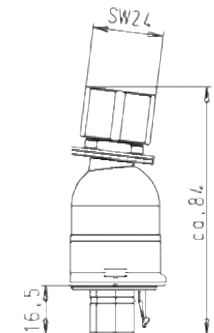
| with screw connection | | |
|-----------------------|-----------------|------------------|
| Wire | mm ² | |
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

| | |
|---------------|---------------|
| 96.035.2153.0 | 96.035.6153.0 |
| 96.035.2153.1 | 96.035.6153.1 |
| 96.035.2155.7 | 96.035.6155.7 |
| 96.035.2151.4 | 96.035.6151.4 |
| 96.035.2153.9 | 96.035.6153.9 |

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device. Angled 7°, thread M16.

See the Technical Data for insulation strip lengths.



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | N, L, ⊕ | gray black |
| Power 250/400V | | 2, 1, ⊕ | green |
| 50 V + ⊕ | | 2, 1, ⊕ | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |

| with spring clamp connection | | |
|------------------------------|-----------------|---------------|
| Wire | mm ² | Ferrules |
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

| with screw connection | | |
|-----------------------|-----------------|------------------|
| Wire | mm ² | |
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M16 x 1.5 | |
| Gland | inside | |

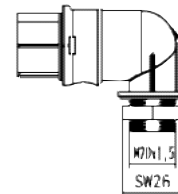
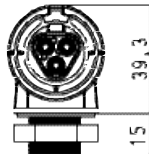
| | |
|---------------|---------------|
| 96.036.2153.0 | 96.036.6153.0 |
| 96.036.2153.1 | 96.036.6153.1 |
| 96.036.2155.7 | 96.036.6155.7 |
| 96.036.2151.4 | 96.036.6151.4 |
| 96.036.2153.9 | 96.036.6153.9 |

M 20 device connector, modular, angled

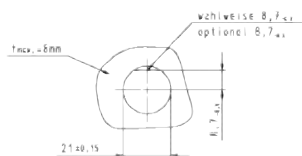
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



Application Coding Color



| | | | |
|-------------------------|--|----------|---------------|
| Power 250 V | | L, N, PE | gray black |
| Power 250/400V | | 2, 1, PE | green |
| 50 V + PE | | 2, 1, PE | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

| | |
|---------------|---------------|
| 96.033.2053.0 | 96.033.2053.1 |
| 96.033.2055.7 | 96.033.2051.4 |
| 96.033.2053.9 | |

Part No.

with screw connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

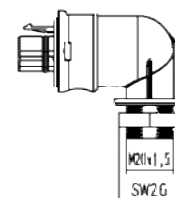
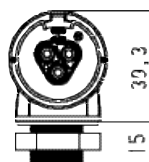
| | |
|---------------|---------------|
| 96.033.6053.0 | 96.033.6053.1 |
| 96.033.6055.7 | 96.033.6051.4 |
| 96.033.6053.9 | |

Male connector

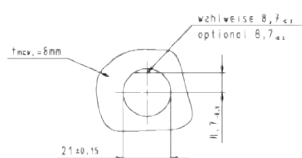
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. .

With locking device.

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|-------------------------|--|----------|---------------|
| Power 250 V | | N, L, PE | gray black |
| Power 250/400V | | 2, 1, PE | green |
| 50 V + PE | | 2, 1, PE | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |

Part No.

with spring clamp connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|---------------|
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

| | |
|---------------|---------------|
| 96.034.2053.0 | 96.034.2053.1 |
| 96.034.2055.7 | 96.034.2051.4 |
| 96.034.2053.9 | |

Part No.

with screw connection

| Wire | mm ² | Ferrules |
|---------------|-----------------|------------------|
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M20 x 1.5 | |
| Gland | inside | |

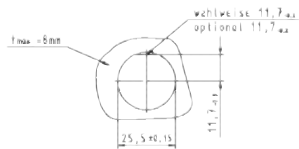
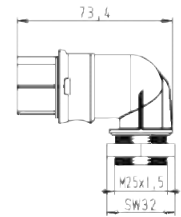
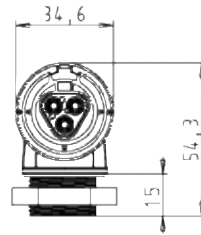
| | |
|---------------|---------------|
| 96.034.6053.0 | 96.034.6053.1 |
| 96.034.6055.7 | 96.034.6051.4 |
| 96.034.6053.9 | |

M 25 device connector, modular, angled

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | L, N | gray black |
| Power 250/400V | | 1, 2 | green |
| 50 V | | 1, 2 | brown |
| Switch. funct. 250 V | | 1, 2, 3 | light blue |

| with spring clamp connection | | |
|------------------------------|-----------------|---------------|
| Wire | mm ² | Ferrules |
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

| with screw connection | | |
|-----------------------|-----------------|------------------|
| Wire | mm ² | |
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

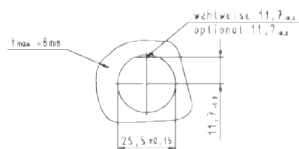
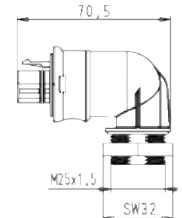
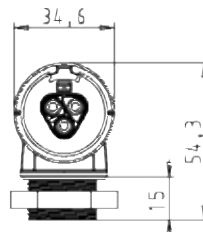
| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 96.033.2253.0 | 96.033.2253.1 | 96.033.2255.7 | 96.033.2251.4 | 96.033.2253.9 |
|---------------|---------------|---------------|---------------|---------------|

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 96.033.6253.0 | 96.033.6253.1 | 96.033.6255.7 | 96.033.6251.4 | 96.033.6253.9 |
|---------------|---------------|---------------|---------------|---------------|

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

See the Technical Data for insulation strip lengths.



| | | | |
|----------------------|--|---------|---------------|
| Power 250 V | | N, L | gray black |
| Power 250/400V | | 2, 1 | green |
| 50 V | | 2, 1 | brown |
| Switch. funct. 250 V | | 2, 1, 3 | light blue |


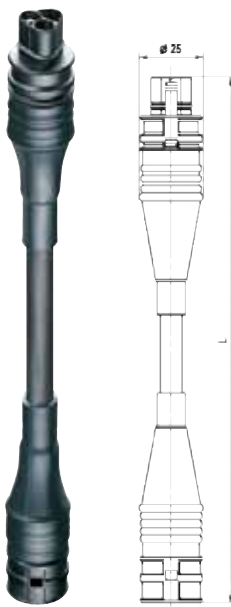
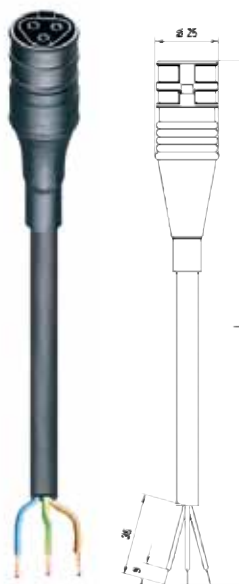

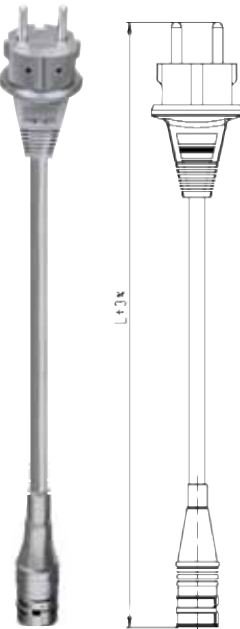
| with spring clamp connection | | |
|------------------------------|-----------------|---------------|
| Wire | mm ² | Ferrules |
| rigid | 0.5 – 2.5 | |
| fine-stranded | 0.5 – 1.5 | with ferrules |
| stranded | 0.75 – 1.5 | with ferrules |
| Term. poles | 2 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

| with screw connection | | |
|-----------------------|-----------------|------------------|
| Wire | mm ² | |
| rigid | | |
| fine-stranded | 0.75 – 6.0 | without ferrules |
| stranded | | without ferrules |
| Term. poles | 1 | |
| Thread | M25 x 1.5 | |
| Gland | inside | |

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 96.034.2253.0 | 96.034.2253.1 | 96.034.2255.7 | 96.034.2251.4 | 96.034.2253.9 |
|---------------|---------------|---------------|---------------|---------------|

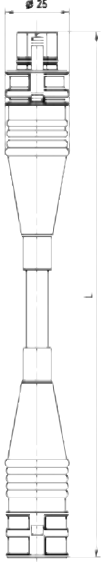
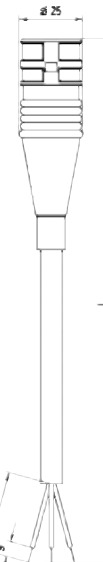



| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| 96.034.6253.0 | 96.034.6253.1 | 96.034.6255.7 | 96.034.6251.4 | 96.034.6253.9 |
|---------------|---------------|---------------|---------------|---------------|

Cable assemblies 1.5 mm², 16A

| H05VV-F 3G1.5 containing halogen  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN | |  | |  | |  | |  | |
|--|------------------------|--|---------------|---|--|---|--|--|--|
| Cable ¹⁾ and shrinkage tube | | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | | SCHUKO plug – RST female Power cable Female RST Color gray Cable color gray | |
| Color: black | | Part No. | | Part No. | | Part No. | | Part No. | |
| Application | Length ²⁾ m | 96.232.1000.1 | 96.232.1003.1 | 96.232.1004.1 | | | | | |
| Power 250 V | 1.0 | 96.232.2000.1 | 96.232.2003.1 | 96.232.2004.1 | | | | | |
| L, N, ⊕ | 2.0 | 96.232.3000.1 | 96.232.3003.1 | 96.232.3004.1 | | | | | |
| | 3.0 | 96.232.4000.1 | 96.232.4003.1 | 96.232.4004.1 | | | | | |
| | 4.0 | 96.232.5000.1 | 96.232.5003.1 | 96.232.5004.1 | | | | | |
| | 5.0 | 96.232.6000.1 | 96.232.6003.1 | 96.232.6004.1 | | | | | |
| | 6.0 | 96.232.7000.1 | 96.232.7003.1 | 96.232.7004.1 | | | | | |
| | 7.0 | 96.232.8000.1 | 96.232.8003.1 | 96.232.8004.1 | | | | | |
| | 8.0 | | | | | | | | |
| Grounding connector | 1.5 | | | | | | | 99.714.0000.7 | |
| | 2.5 | | | | | | | 99.715.0000.7 | |
| Power 250 V/400 V | 1.0 | 96.232.1001.7 | 96.232.1005.7 | 96.232.1006.7 | | | | | |
| 1, 2, ⊕ | 2.0 | 96.232.2001.7 | 96.232.2005.7 | 96.232.2006.7 | | | | | |
| | 3.0 | 96.232.3001.7 | 96.232.3005.7 | 96.232.3006.7 | | | | | |
| | 4.0 | 96.232.4001.7 | 96.232.4005.7 | 96.232.4006.7 | | | | | |
| | 5.0 | 96.232.5001.7 | 96.232.5005.7 | 96.232.5006.7 | | | | | |
| | 6.0 | 96.232.6001.7 | 96.232.6005.7 | 96.232.6006.7 | | | | | |
| | 7.0 | 96.232.7001.7 | 96.232.7005.7 | 96.232.7006.7 | | | | | |
| | 8.0 | 96.232.8001.7 | 96.232.8005.7 | 96.232.8006.7 | | | | | |

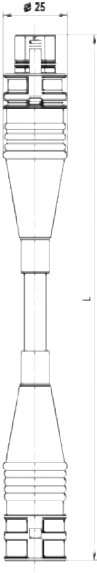



¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A

| H07RN-F 3G1.5 Insulating rubber compound  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN | |   |   |   |   | | | |
|---|---|--|--|---|--|----------|--|--|
| Cable ¹⁾ and shrinkage tube | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | | SCHUKO plug – RST female Power cable Female RST Color black Cable color black | |
| | Color: black | | | | | | | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | |
| Power 250 V L, N, ⊕   | 1.0 | 96.232.1030.1 | 96.232.1033.1 | 96.232.1034.1 | | | | |
| | 2.0 | 96.232.2030.1 | 96.232.2033.1 | 96.232.2034.1 | | | | |
| | 3.0 | 96.232.3030.1 | 96.232.3033.1 | 96.232.3034.1 | | | | |
| | 4.0 | 96.232.4030.1 | 96.232.4033.1 | 96.232.4034.1 | | | | |
| | 5.0 | 96.232.5030.1 | 96.232.5033.1 | 96.232.5034.1 | | | | |
| | 6.0 | 96.232.6030.1 | 96.232.6033.1 | 96.232.6034.1 | | | | |
| | 7.0 | 96.232.7030.1 | 96.232.7033.1 | 96.232.7034.1 | | | | |
| | 8.0 | 96.232.8030.1 | 96.232.8033.1 | 96.232.8034.1 | | | | |
| Grounding connector | 1.5 | | | | 99.712.0000.7 | | | |
| | 2.5 | | | | 99.713.0000.7 | | | |
| | 4.0 | | | | 99.716.0000.7 | | | |
| | 8.0 | | | | 99.717.0000.7 | | | |
| Power 250 V/400 V 1, 2, ⊕   | 1.0 | 96.232.1031.7 | 96.232.1035.7 | 96.232.1036.7 | | | | |
| | 2.0 | 96.232.2031.7 | 96.232.2035.7 | 96.232.2036.7 | | | | |
| | 3.0 | 96.232.3031.7 | 96.232.3035.7 | 96.232.3036.7 | | | | |
| | 4.0 | 96.232.4031.7 | 96.232.4035.7 | 96.232.4036.7 | | | | |
| | 5.0 | 96.232.5031.7 | 96.232.5035.7 | 96.232.5036.7 | | | | |
| | 6.0 | 96.232.6031.7 | 96.232.6035.7 | 96.232.6036.7 | | | | |
| | 7.0 | 96.232.7031.7 | 96.232.7035.7 | 96.232.7036.7 | | | | |
| | 8.0 | 96.232.8031.7 | 96.232.8035.7 | 96.232.8036.7 | | | | |



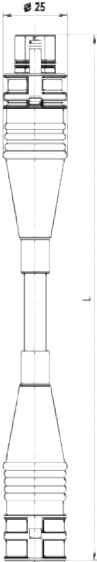


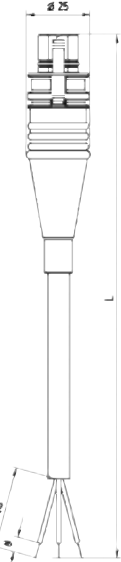

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20 A

| H05VV-F 3G2.5 containing halogen  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN | |   |   |   | |
|--|------------------------|---|---|--|--|
| Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| Cable ¹⁾ and shrinkage tube Color: black | | | | | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | |
| Power 250 V | 1.0 | 96.233.1000.1 | 96.233.1003.1 | 96.233.1004.1 | |
| L, N, ⊕ | 2.0 | 96.233.2000.1 | 96.233.2003.1 | 96.233.2004.1 | |
| black | 3.0 | 96.233.3000.1 | 96.233.3003.1 | 96.233.3004.1 | |
|  | 4.0 | 96.233.4000.1 | 96.233.4003.1 | 96.233.4004.1 | |
|  | 5.0 | 96.233.5000.1 | 96.233.5003.1 | 96.233.5004.1 | |
|  | 6.0 | 96.233.6000.1 | 96.233.6003.1 | 96.233.6004.1 | |
|  | 7.0 | 96.233.7000.1 | 96.233.7003.1 | 96.233.7004.1 | |
|  | 8.0 | 96.233.8000.1 | 96.233.8003.1 | 96.233.8004.1 | |
| Power 250 V/400 V | 1.0 | 96.233.1001.7 | 96.233.1005.7 | 96.233.1006.7 | |
| 1, 2, ⊕ | 2.0 | 96.233.2001.7 | 96.233.2005.7 | 96.233.2006.7 | |
|  | 3.0 | 96.233.3001.7 | 96.233.3005.7 | 96.233.3006.7 | |
|  | 4.0 | 96.233.4001.7 | 96.233.4005.7 | 96.233.4006.7 | |
|  | 5.0 | 96.233.5001.7 | 96.233.5005.7 | 96.233.5006.7 | |
|  | 6.0 | 96.233.6001.7 | 96.233.6005.7 | 96.233.6006.7 | |
|  | 7.0 | 96.233.7001.7 | 96.233.7005.7 | 96.233.7006.7 | |
|  | 8.0 | 96.233.8001.7 | 96.233.8005.7 | 96.233.8006.7 | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

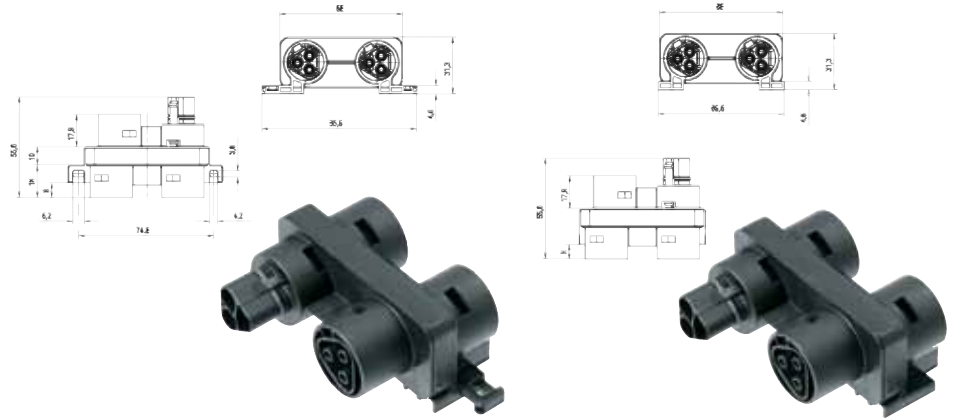
Cable assemblies 2.5 mm², 20 A

| H07RN-F 3G2.5 Insulating rubber compound  Power 250V: ⊕ = GN/YE N = BU L = BN Power 250/400V: ⊕ = GN/YE 1 = BU 2 = BN | |   |   |   | | |
|--|--|---|---|--|---|--|
| Cable ¹⁾ and shrinkage tube | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| | Color: black | | | | | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | | |
| Power 250 V L, N, ⊕ black    | 1.0 | 96.233.1030.1 | 96.233.1033.1 | 96.233.1034.1 | | |
| | 2.0 | 96.233.2030.1 | 96.233.2033.1 | 96.233.2034.1 | | |
| | 3.0 | 96.233.3030.1 | 96.233.3033.1 | 96.233.3034.1 | | |
| | 4.0 | 96.233.4030.1 | 96.233.4033.1 | 96.233.4034.1 | | |
| | 5.0 | 96.233.5030.1 | 96.233.5033.1 | 96.233.5034.1 | | |
| | 6.0 | 96.233.6030.1 | 96.233.6033.1 | 96.233.6034.1 | | |
| | 7.0 | 96.233.7030.1 | 96.233.7033.1 | 96.233.7034.1 | | |
| | 8.0 | 96.233.8030.1 | 96.233.8033.1 | 96.233.8034.1 | | |
| Power 250 V/400 V 1, 2, ⊕    | 1.0 | 96.233.1031.7 | 96.233.1035.7 | 96.233.1036.7 | | |
| | 2.0 | 96.233.2031.7 | 96.233.2035.7 | 96.233.2036.7 | | |
| | 3.0 | 96.233.3031.7 | 96.233.3035.7 | 96.233.3036.7 | | |
| | 4.0 | 96.233.4031.7 | 96.233.4035.7 | 96.233.4036.7 | | |
| | 5.0 | 96.233.5031.7 | 96.233.5035.7 | 96.233.5036.7 | | |
| | 6.0 | 96.233.6031.7 | 96.233.6035.7 | 96.233.6036.7 | | |
| | 7.0 | 96.233.7031.7 | 96.233.7035.7 | 96.233.7036.7 | | |
| | 8.0 | 96.233.8031.7 | 96.233.8035.7 | 96.233.8036.7 | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Distribution units

Distribution unit 11/30



| Application | Coding | Color | Part No. | Part No. |
|-----------------|--------|---------|-----------------------------|--------------------------------|
| | | | with mounting option | without mounting option |
| | | | Locking device | yes |
| | | | Input | 1 Male, 3 pole |
| | | | Outputs | 3 Female, 3 pole |
| | | | | |
| Power 250 V | | L, N, ⊕ | gray | 96.030.0153.0 |
| Power 250/400 V | | 1, 2, ⊕ | black | 96.030.0153.1 |
| Power 50 V + | | 1, 2, ⊕ | green | 96.030.0155.7 |
| | | 1, 2, ⊕ | brown | 96.030.0151.4 |
| | | | | 96.030.0253.0 |
| | | | | 96.030.0253.1 |
| | | | | 96.030.0255.7 |
| | | | | 96.030.0251.4 |

Distribution unit

RST compact distribution unit 11/30



| Name | Color | Part No. |
|--------------------------------------|-------|---------------|
| RST compact distribution unit | black | 99.906.0000.7 |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|------------------------------------|
| Dimensions (W x L x H) | 104 x 162 x 57.2 mm |
| Fitted as required with | M25 device connectors 3 pole |
| Input | 1, RST20i3 |
| Outputs | 3, RST20i3 |
| Prewired with | 2.5 mm ² (halogen-free) |
| Fastening options | yes |

RST multi-distribution unit 11/70



| Name | Color | Part No. |
|------------------------------------|-------|---------------|
| RST multi-distribution unit | black | 99.929.0000.7 |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|------------------------------------|
| Dimensions (W x L x H) | 104 x 162 x 96 mm |
| Fitted as required with | M25 device connectors 3 pole |
| Input | 1, RST20i3 |
| Outputs | 7, RST20i3 |
| Prewired with | 2.5 mm ² (halogen-free) |
| Fastening options | yes |

Accessories – Cover pieces

Female connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused male connectors | Safe locking device unused male connectors |
| gray | 05.564.4453.0 | 99.415.6205.2 |
| black | 05.564.4453.1 | 99.416.6205.2 |

Male connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused female connectors | Safe locking device unused female connectors |
| gray | Z5.564.4553.0 | 99.413.6205.2 |
| black | Z5.564.4553.1 | 99.414.6205.2 |



Solar applications for systems up to 32 A for single-phase supply 3 pole

Application example



General

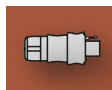
The system is specially adapted to the requirements of solar technology.

The connectors can be loaded with a maximum of 32 A on two contacts (L, N) and are used for single-phase supply with ENS.

Special distribution boxes are used to bundle the electrical power of up to 6 inverters and thus complete the system.

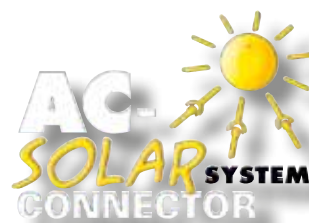
These connectors have their own mechanical coding.

This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.



Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 32 A
- Cross-sections up to 6 mm²
- Degree of protection IP65 ... IP68 (on request)



Coding

| | | | | | Application | Single-phase supply 250V, 32A |
|--------------------|---------------------------------------|-----------------------|-----------------------|----------------------------|-------------------|----------------------------------|
| | | | | | Mechanical coding | L, N, ⊕ |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | concrete gray | |
| Connectors | 1 x cable entry | Screw Spring clamp | yes | 1 | | |
| Distribution units | Distribution box RST RAN Solar | | | | | |
| | Distribution box RST Solar | | | | | |
| Device connectors | M25 device connector, standard | | | | | |
| Cable assemblies | Connection cable Male – Free end | | | | | |
| | Connection cable Female – Free end | pre- assembled | pre- assembled | pre- assembled | | |
| | Extension cable Male – Female | | | | | |

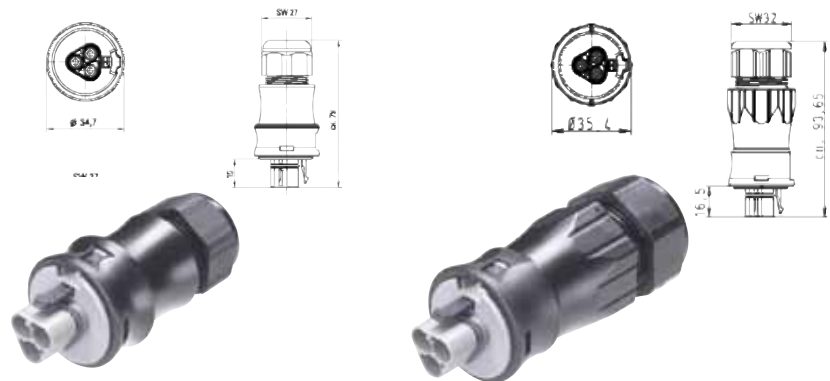
Connectors, 32 A

Female connector



| Application | Coding | Color | Part No. | Part No. | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|--|---------------|------|-----------------|--|-------|--|--|---------------|-------------------------|------------------|
| Single-phase supply 250V | L, N, ⊕ | concrete gray/ black | Screw technology for cable Ø 10 –14 mm | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Wire</th> <th>mm²</th> <th></th> </tr> </thead> <tbody> <tr> <td>solid</td> <td></td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>up to 6.0²⁾</td> <td>without ferrules</td> </tr> </tbody> </table> | | Wire | mm ² | | solid | | | fine-stranded | up to 6.0 ²⁾ | without ferrules |
| Wire | mm ² | | | | | | | | | | | | |
| solid | | | | | | | | | | | | | |
| fine-stranded | up to 6.0 ²⁾ | without ferrules | | | | | | | | | | | |
| | | | 96.031.4154.3 | 96.031.4554.3 | | | | | | | | | |
| | | | Screw technology for cable Ø 13 –18 mm | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Wire</th> <th>mm²</th> <th></th> </tr> </thead> <tbody> <tr> <td>solid</td> <td></td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>up to 6.0²⁾</td> <td>without ferrules</td> </tr> </tbody> </table> | | Wire | mm ² | | solid | | | fine-stranded | up to 6.0 ²⁾ | without ferrules |
| Wire | mm ² | | | | | | | | | | | | |
| solid | | | | | | | | | | | | | |
| fine-stranded | up to 6.0 ²⁾ | without ferrules | | | | | | | | | | | |

Male connector



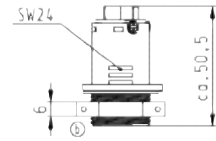
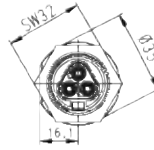
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|--|---------------|----------|-----------------|--|-------|--|--|---------------|-------------------------|------------------|----------------|-----|--|
| Single-phase supply 250V | L, N, ⊕ | concrete gray/ black | Screw technology for cable Ø 10 –14 mm | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Wire</th> <th>mm²</th> <th></th> </tr> </thead> <tbody> <tr> <td>solid</td> <td></td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>up to 6.0²⁾</td> <td>without ferrules</td> </tr> <tr> <td>Locking device</td> <td>yes</td> <td></td> </tr> </tbody> </table> | | Wire | mm ² | | solid | | | fine-stranded | up to 6.0 ²⁾ | without ferrules | Locking device | yes | |
| Wire | mm ² | | | | | | | | | | | | | | | |
| solid | | | | | | | | | | | | | | | | |
| fine-stranded | up to 6.0 ²⁾ | without ferrules | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | |
| | | | 96.032.4154.3 | 96.032.4554.3 | | | | | | | | | | | | |
| | | | Screw technology for cable Ø 13 –18 mm | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Wire</th> <th>mm²</th> <th></th> </tr> </thead> <tbody> <tr> <td>solid</td> <td></td> <td></td> </tr> <tr> <td>fine-stranded</td> <td>up to 6.0²⁾</td> <td>without ferrules</td> </tr> <tr> <td>Locking device</td> <td>yes</td> <td></td> </tr> </tbody> </table> | | Wire | mm ² | | solid | | | fine-stranded | up to 6.0 ²⁾ | without ferrules | Locking device | yes | |
| Wire | mm ² | | | | | | | | | | | | | | | |
| solid | | | | | | | | | | | | | | | | |
| fine-stranded | up to 6.0 ²⁾ | without ferrules | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | |

¹⁾ Larger cross-sections available on request
²⁾ With 6.0 mm² wires, the pull and bending forces at the connector must be taken into consideration and compensated by suitable measures if required

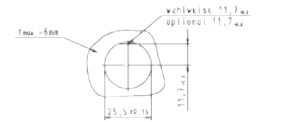
M 25 device connector, 32 A

Female connector with sealing option

For spacer rings for unlocking at the device connector, see Accessories.



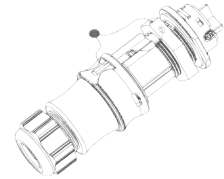
Application Coding Color



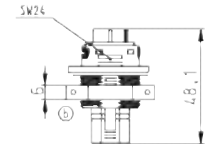
| | | |
|--------------------------|-------|---------------------|
| Single-phase supply 250V | L, N, | concrete gray/black |
|--------------------------|-------|---------------------|

Part No.

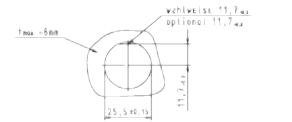
| Screw technology | | |
|------------------|-----------------|------------------|
| Wire | mm ² | |
| solid | up to 6.0 | without ferrules |
| fine-stranded | | |
| Locking device | yes | |
| 96.031.5054.3 | | |



Male connector with sealing option



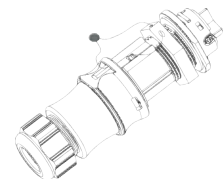
Application Coding Color



| | | |
|--------------------------|-------|---------------------|
| Single-phase supply 250V | L, N, | concrete gray/black |
|--------------------------|-------|---------------------|

Part No.

| Screw technology | | |
|------------------|-----------------|------------------|
| Wire | mm ² | |
| solid | up to 6.0 | without ferrules |
| fine-stranded | | |
| Locking device | yes | |
| 96.032.5054.3 | | |



Distribution unit

Distribution box RST RAN Solar

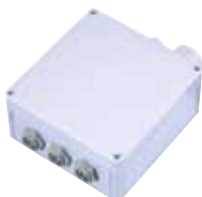


| Name | Material | Part No. |
|---------------|-------------------------------|---------------|
| RST RAN Solar | Sheet metal/ powder-coated | 99.512.0000.7 |

Detailed information about the distribution units available in section "Distribution units".

| | |
|------------------------------|------------------------------------|
| Inputs | 6 x RST25i3 / concrete gray coding |
| Cable gland | 1 x M40, 2 x M20 |
| Connector clamps | 5 x 10 mm ² |
| Circuit breakers | 6 x B25 |
| Dimensions in mm (L x W x H) | 350 x 300 x 100 mm |

Distribution box RST Solar



| Name | Material | Part No. |
|----------------------------|----------|---------------|
| Distribution box RST Solar | Plastic | 99.502.0000.7 |

Detailed information about the distribution units available in section "Distribution units".

| | |
|------------------------------|------------------------------------|
| Inputs | 3 x RST25i3 / concrete gray coding |
| Cable gland | 1 x M32, 2 x M20 |
| Connector clamps | 5 x 10 mm ² |
| Dimensions in mm (L x W x H) | 180 x 180 x 90 mm |

Cable assemblies, 4.0 mm², 25 A

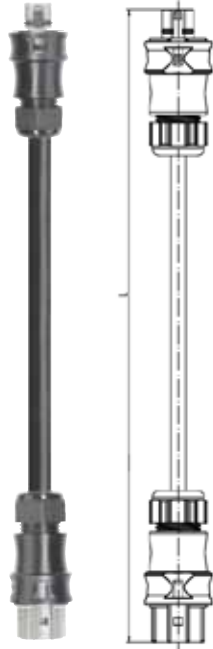
**H05VV-F
3G4,0¹⁾**



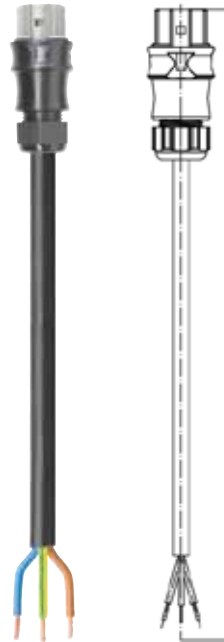
N = BU
L = BN
⊕ = GN/YE

The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.

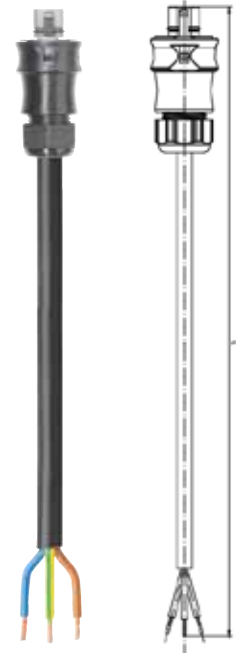
Cable: black
Coding: concrete gray/black



| Female – Male | |
|-----------------|-----|
| Extension cable | |
| Locking device | yes |



| Female – Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Cable diameter | 10.5 – 13.1 mm |
| H05VV-F ²⁾ | |



| Male – Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |
| Cable diameter | 10.5 – 13.1 mm |
| H05VV-F ²⁾ | |

| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|----------------------------------|------------------------|---------------|---------------|---------------|
| Single-phase supply 250V L, N, ⊕ | 1,0 | 96.834.1000.3 | 96.834.1003.3 | 96.834.1004.3 |
| | 1,5 | 96.834.1500.3 | 96.834.1503.3 | 96.834.1504.3 |
| | 2,0 | 96.834.2000.3 | 96.834.2003.3 | 96.834.2004.3 |
| | 2,5 | 96.834.2500.3 | 96.834.2503.3 | 96.834.2504.3 |
| | 3,0 | 96.834.3000.3 | 96.834.3003.3 | 96.834.3004.3 |
| | 3,5 | 96.834.3500.3 | 96.834.3503.3 | 96.834.3504.3 |
| | 4,0 | 96.834.4000.3 | 96.834.4003.3 | 96.834.4004.3 |

¹⁾ Other cables available on request
²⁾ Other lengths available on request
³⁾ According to VDE 0281/T5 and VDE 0288/T4

Cable assemblies, 4.0 mm², 25 A

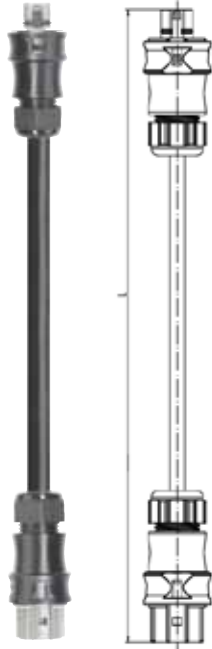
**H07RN-F
3G4,0¹⁾**



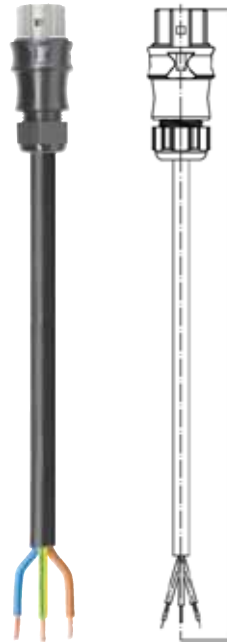
N = BU
L = BN
⊕ = GN/YE

The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.

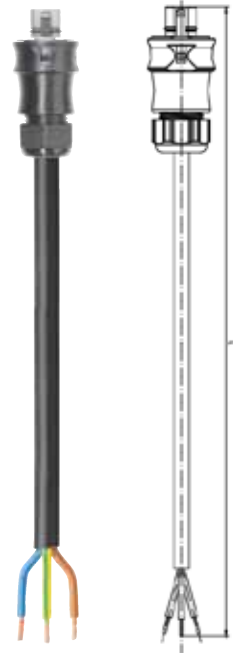
Cable: black
Coding: concrete gray/black



| Female - Male | |
|-----------------|-----|
| Extension cable | |
| Locking device | yes |



| Female - Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Cable diameter | 10.5 – 13.1 mm |
| H07RN-F ²⁾ | |



| Male - Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |
| Cable diameter | 10.5 – 13.1 mm |
| H07RN-F ³⁾ | |

| Application | Length ²⁾ m | Part No. |
|-----------------------------------|------------------------|---------------|
| Single-phase supply 250 V L, N, ⊕ | 1,0 | 96.834.1030.3 |
| | 1,5 | 96.834.1530.3 |
| | 2,0 | 96.834.2030.3 |
| | 2,5 | 96.834.2530.3 |
| | 3,0 | 96.834.3030.3 |
| | 3,5 | 96.834.3530.3 |
| | 4,0 | 96.834.4030.3 |

| Part No. |
|---------------|
| 96.834.1033.3 |
| 96.834.1533.3 |
| 96.834.2033.3 |
| 96.834.2533.3 |
| 96.834.3033.3 |
| 96.834.3533.3 |
| 96.834.4033.3 |

| Part No. |
|---------------|
| 96.834.1034.3 |
| 96.834.1534.3 |
| 96.834.2034.3 |
| 96.834.2534.3 |
| 96.834.3034.3 |
| 96.834.3534.3 |
| 96.834.4034.3 |

¹⁾ Other cables available on request
²⁾ Other lengths available on request
³⁾ According to VDE 0281/T5 and VDE 0288/T4



2 variations for connecting electrical drives or for laying AS-i and 24 V auxiliary voltage

Application example



General

The four pole connector is based on the 5 pole variation with one pole left empty.

Two codings are available: a black coding for connecting electrical drives, and a brown coding for laying AS-Interface and the 24V auxiliary voltage together.

They are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.



Coding

| | | | | | Application | | |
|-------------------|---|------------------|-----------------------|----------------------------|----------------------|----------------------|----------------------|
| | | | | | Power 250/400 V | AS-i / 24V | |
| | | | | | Mechanical coding | | |
| | | | | | 1, 2, 3, ⊕ | 1, 2, 3, 4 | |
| | | | | | | | |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | gray | black | brown |
| Connectors | 1 x cable entry | Screw Crimp | yes | 1 | | | |
| | 2 x cable entry | Screw | yes | 1 | | | |
| Distribution unit | RST compact distribution unit/multi-distribution unit | | | | available on request | available on request | available on request |
| | Individual distribution box | | | | available on request | available on request | available on request |
| Device connectors | M16 device connector, modular, straight | | | | | | |
| | M16 device connector, modular, angled 7° | | | | | | |
| | M25 device connector, standard | | | | | | |
| | M20 device connector, standard | | | | | | |
| | M20 device connector, modular, angled | | | | | | |
| Cable assemblies | Connection cable Male – Free end | pre-assembled | pre-assembled | pre-assembled | | | |
| | Connection cable Female – Free end | | | | | | |
| | Extension cable Male – Female | | | | | | |

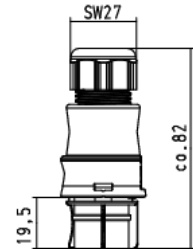
Connector for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



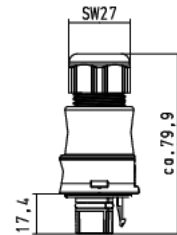
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|----------------|------------|------------------------|-------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power 250/400V | 1, 2, 3, ⊕ | 6 – 10 | gray | 96.041.4053.0 | 96.141.0053.0 |
| | | 10 – 14 | black | 96.041.4053.1 | 96.141.0053.1 |
| | | | gray | 96.041.4153.0 | 96.141.0153.0 |
| | | | black | 96.041.4153.1 | 96.141.0153.1 |
| AS-i / 24 V | 1, 2, 3, 4 | 6 – 10 | brown | 96.041.4051.4 | |
| | | 1 x AS-i Profile cable | | 96.041.4951.4 | |
| | | 2 x AS-i Profile cable | | 96.041.4851.4 | |

Male connector

Unmounted with cable gland and with locking device.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|----------------|------------|------------------------|-------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power 250/400V | 1, 2, 3, ⊕ | 6 – 10 | gray | 96.042.4053.0 | 96.142.0053.0 |
| | | 10 – 14 | black | 96.042.4053.1 | 96.142.0053.1 |
| | | | gray | 96.042.4153.0 | 96.142.0153.0 |
| | | | black | 96.042.4153.1 | 96.142.0153.1 |
| AS-i / 24 V | 1, 2, 3, 4 | 6 – 10 | brown | 96.042.4051.4 | |
| | | 1 x AS-i Profile cable | | 96.042.4951.4 | |
| | | 2 x AS-i Profile cable | | 96.042.4851.4 | |

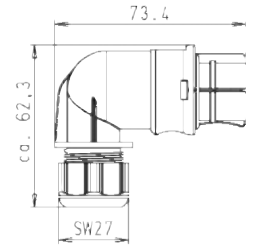
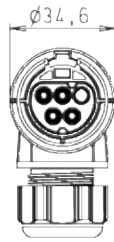
Connector, angled for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

Crimp contacts separately available under
Accessories

See Technical Data for sheath and insulation strip
lengths.



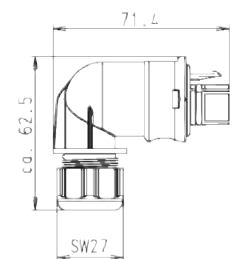
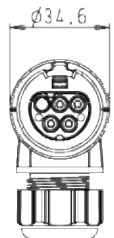
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-------------------|------------|--|---------------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power 250/400V | 1, 2, 3, ⊕ | 6 – 10 | gray black | 96.043.4053.0 96.043.4053.1 | 96.143.0053.0 96.143.0053.1 |
| | | 10 – 14 | gray black | 96.043.4153.0 96.043.4153.1 | 96.143.0153.0 96.143.0153.1 |
| AS-i / 24 V | 1, 2, 3, 4 | 6 – 10 | brown | 96.043.4051.4 96.043.4951.4 96.043.4851.4 | |
| | | 1 x AS-i Profile cable 2 x AS-i Profile cable | | | |

Male connector

Unmounted with cable gland and with
locking device. 90° angle.

Crimp contacts separately available under
Accessories

See Technical Data for sheath and insulation strip
lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-------------------|------------|--|---------------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power 250/400V | 1, 2, 3, ⊕ | 6 – 10 | gray black | 96.044.4053.0 96.044.4053.1 | 96.144.0053.0 96.144.0053.1 |
| | | 10 – 14 | gray black | 96.044.4153.0 96.044.4153.1 | 96.144.0153.0 96.144.0153.1 |
| AS-i / 24 V | 1, 2, 3, 4 | 6 – 10 | brown | 96.044.4051.4 96.044.4951.4 96.044.4851.4 | |
| | | 1 x AS-i Profile cable 2 x AS-i Profile cable | | | |

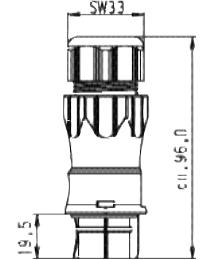
Connector for cables of Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



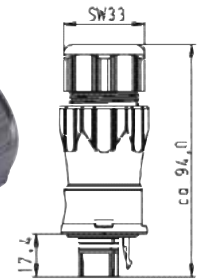
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-------------|--------|----------------------|---------------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | up to 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power | | 13 – 18 | gray black | 96.041.4553.0 96.041.4553.1 | 96.141.0553.0 96.141.0553.1 |
| 250/400V | | | | | |

Male connector

Unmounted with cable gland and with locking device.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



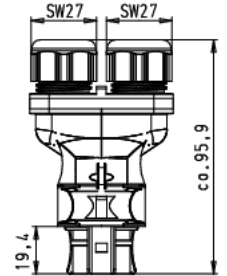
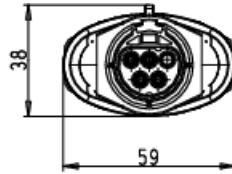
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-------------|--------|----------------------|---------------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | rigid |
| | | | | fine-stranded | fine-stranded |
| | | | | stranded | stranded |
| | | | | mm ² | mm ² |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power | | 13 – 18 | gray black | 96.042.4553.0 96.042.4553.1 | 96.142.0553.0 96.142.0553.1 |
| 250/400V | | | | | |


Splitter connector

Female connector

Unmounted with cable gland.

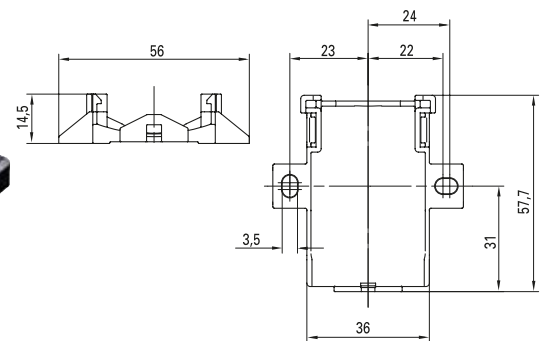
See Technical Data for sheath and insulation strip lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. |
|---|--|----------------------|-------|------------------|
| with screw connection¹⁾ | | | | |
| | | | | Wire |
| | | | | rigid |
| | | | | fine-stranded |
| | | | | stranded |
| | | | | mm ² |
| | | | | 0.75 – 1.5 |
| | | | | without ferrules |
| Power |  1, 2, 3, ⊕ | 6 – 10 | gray | 96.041.4253.0 |
| 250/400V | | 10 – 14 | black | 96.041.4253.1 |
| | | | gray | 96.041.4353.0 |
| | | | black | 96.041.4353.1 |



Mounting plate For splitter connectors



| Color | Part No. |
|-------|---------------|
| gray | 01.006.1553.0 |
| black | 01.006.1553.1 |

M 25 device connector, standard

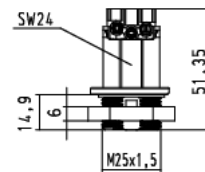
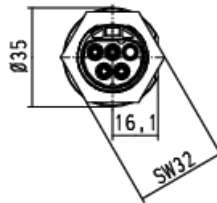
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

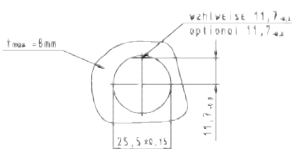
Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.

For spacer rings for unlocking at the device connector, see Accessories.



Application Coding Color



| | | | |
|------------|--|------|-------|
| Power | | 1, 2 | gray |
| 250/400V | | 3, 4 | |
| AS-i / 24V | | 1, 2 | brown |
| | | 3, 4 | |

Part No.

| with screw connection | | mm ² |
|-----------------------|---------------|------------------|
| Wire | rigid | |
| | fine-stranded | 0.75 – 4.0 |
| | stranded | without ferrules |
| Term. poles | | 1 |
| Thread | | M25 x 1.5 |
| Gland | | outside |

96.041.5053.0
96.041.5053.1
96.041.5051.4

Part No.

| with crimp connection (see Accessories) | | mm ² |
|---|---------------|-----------------|
| Wire | rigid | |
| | fine-stranded | 0.75 – 4.0 |
| | stranded | |
| Term. poles | | 1 |
| Thread | | M25 x 1.5 |
| Gland | | outside |

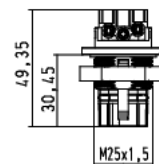
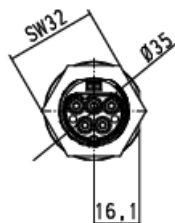
96.141.1053.0
96.141.1053.1

Male connector

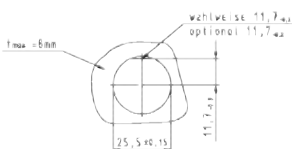
Correct positioning guaranteed due to flattened thread. Fastening with screws from outside. With locking device.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|------------|--|------|-------|
| Power | | 1, 2 | gray |
| 250/400V | | 3, 4 | |
| AS-i / 24V | | 1, 2 | brown |
| | | 3, 4 | |

Part No.

| with screw connection | | mm ² |
|-----------------------|---------------|------------------|
| Wire | rigid | |
| | fine-stranded | 0.75 – 4.0 |
| | stranded | without ferrules |
| Term. poles | | 1 |
| Thread | | M25 x 1.5 |
| Gland | | outside |
| Locking device | | yes |

96.042.5053.0
96.042.5053.1
96.042.5051.4

Part No.

| with crimp connection (see Accessories) | | mm ² |
|---|---------------|-----------------|
| Wire | rigid | |
| | fine-stranded | 0.75 – 4.0 |
| | stranded | |
| Term. poles | | 1 |
| Thread | | M25 x 1.5 |
| Gland | | outside |
| Locking device | | yes |

96.142.1053.0
96.142.1053.1

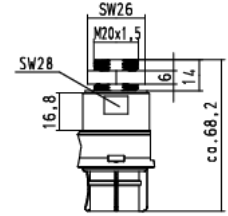
M 20 device connector, modular, straight

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



| Application | Coding | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------------|--------------------------------|--|--|-----------------|-------|--|--|---------------|--|------------|----------|--|------------------|-------------|--|---|--------|--|-----------|-------|--|--------|--|--|------|--|-----------------|-------|--|--|---------------|--|------------|----------|--|--|-------------|--|---|--------|--|-----------|-------|--|
| | with screw connection | | | with crimp connection (see Accessories) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> </table> | | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | without ferrules | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td></td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> </table> | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | without ferrules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power 250/400V | | gray black | 96.041.6053.0 96.041.6053.1 | 96.141.2053.0 96.141.2053.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AS-i / 24V | | brown | 96.041.6051.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

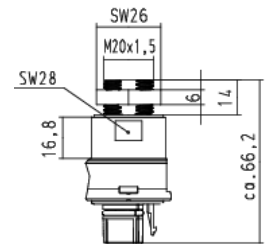


Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. With locking device.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



| Application | Coding | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------------|--------------------------------|--|--|-----------------|-------|--|--|---------------|--|------------|----------|--|------------------|-------------|--|---|--------|--|-----------|-------|--|--------|----------------|--|-----|--|--|------|--|-----------------|-------|--|--|---------------|--|------------|----------|--|--|-------------|--|---|--------|--|-----------|-------|--|--------|----------------|--|
| | with screw connection | | | with crimp connection (see Accessories) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> <tr><td>Locking device</td><td></td><td>yes</td></tr> </table> | | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | without ferrules | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | Locking device | | yes | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td></td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> <tr><td>Locking device</td><td></td><td>yes</td></tr> </table> | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | Locking device | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | without ferrules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power 250/400V | | gray black | 96.042.6053.0 96.042.6053.1 | 96.142.2053.0 96.142.2053.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AS-i / 24V | | brown | 96.042.6051.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

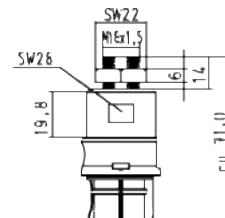
M 16 device connector, modular, straight

Female connector

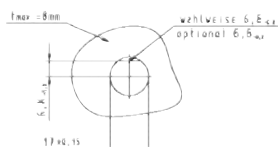
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|-------------------|--|---------------|---------------|
| Power 250/400V | | 1, 2, 3, 4 | gray black |
| AS-i / 24V | | 1, 2, 3, 4 | brown |

Part No.

with screw connection

| | |
|---------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

| |
|---------------|
| 96.041.6153.0 |
| 96.041.6153.1 |
| 96.041.6151.4 |

Part No.

with crimp connection (see Accessories)

| | |
|---------------|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

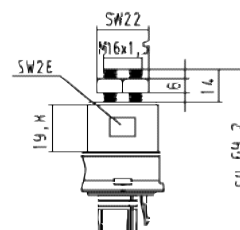
| |
|---------------|
| 96.141.2153.0 |
| 96.141.2153.1 |

Male connector

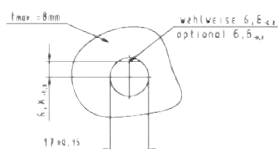
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
With locking device.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|-------------------|--|---------------|---------------|
| Power 250/400V | | 1, 2, 3, 4 | gray black |
| AS-i / 24V | | 1, 2, 3, 4 | brown |

Part No.

with screw connection

| | |
|----------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

| |
|---------------|
| 96.042.6153.0 |
| 96.042.6153.1 |
| 96.042.6151.4 |

Part No.

with crimp connection (see Accessories)

| | |
|----------------|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

| |
|---------------|
| 96.142.2153.0 |
| 96.142.2153.1 |

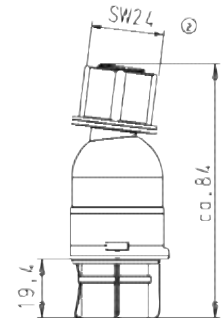
M 16 device connector, modular, 7° angle

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



| Application | Coding | Color |
|-------------|------------|---------------|
| | 1, 2, 3, 4 | gray black |
| | 1, 2, 3, 4 | brown |

| Part No. | with screw connection |
|----------|-----------------------|
| | Wire |
| | rigid |
| | fine-stranded |
| | stranded |
| | Term. poles |
| | Thread |
| | Gland |

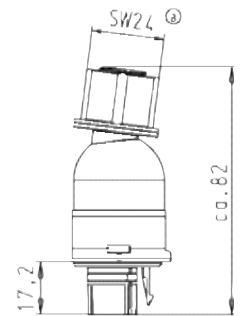
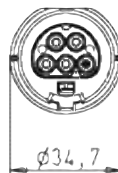
| Part No. | with crimp connection (see Accessories) |
|----------|---|
| | Wire |
| | rigid |
| | fine-stranded |
| | stranded |
| | Term. poles |
| | Thread |
| | Gland |

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. Angled 7°, thread M16. With locking device.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



| Application | Coding | Color |
|-------------|------------|---------------|
| | 1, 2, 3, 4 | gray black |
| | 1, 2, 3, 4 | brown |

| Part No. | with screw connection |
|----------|-----------------------|
| | Wire |
| | rigid |
| | fine-stranded |
| | stranded |
| | Term. poles |
| | Thread |
| | Gland |
| | Locking device |

| Part No. | with crimp connection (see Accessories) |
|----------|---|
| | Wire |
| | rigid |
| | fine-stranded |
| | stranded |
| | Term. poles |
| | Thread |
| | Gland |
| | Locking device |



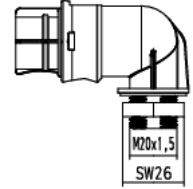
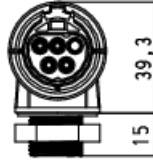
M 20 device connector, modular, angled

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M20 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



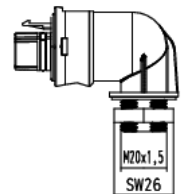
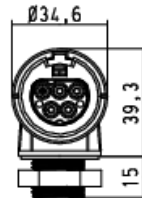
| Application | Coding | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------|---------------|--|----------|-----------------|-------|--------|--|---------------|-------|------------|----------|------|------------------|-------------|---------------|---------------|--------|--|-----------|-------|--|--------|--|------|--|-----------------|-------|--|--|---------------|--|------------|----------|--|--|-------------|--|---|--------|--|-----------|-------|--|
| | with screw connection | | | with crimp connection (see Accessories) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> </table> | | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | without ferrules | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td></td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> </table> | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | without ferrules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Power</td><td></td><td>1, 2</td><td rowspan="2">gray</td></tr> <tr><td>250/400V</td><td></td><td>3, 4</td></tr> <tr><td>AS-i /</td><td></td><td>1, 2</td><td rowspan="2">brown</td></tr> <tr><td>24V</td><td></td><td>3, 4</td></tr> </table> | Power | | 1, 2 | gray | 250/400V | | 3, 4 | AS-i / | | 1, 2 | brown | 24V | | 3, 4 | | | 96.043.6053.0 | 96.143.2053.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power | | 1, 2 | gray | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250/400V | | 3, 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AS-i / | | 1, 2 | brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24V | | 3, 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 96.043.6053.1 | 96.143.2053.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 96.043.6051.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Male connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M20 thread. With locking device.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



| Application | Coding | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------|---------------|--|----------|-----------------|-------|--------|--|---------------|-------|------------|----------|------|------------------|-------------|---------------|---------------|--------|--|-----------|-------|--|--------|----------------|--|-----|--|------|--|-----------------|-------|--|--|---------------|--|------------|----------|--|--|-------------|--|---|--------|--|-----------|-------|--|--------|----------------|--|
| | with screw connection | | | with crimp connection (see Accessories) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td>without ferrules</td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> <tr><td>Locking device</td><td></td><td>yes</td></tr> </table> | | | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | without ferrules | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | Locking device | | yes | <table border="1"> <tr><td>Wire</td><td></td><td>mm²</td></tr> <tr><td>rigid</td><td></td><td></td></tr> <tr><td>fine-stranded</td><td></td><td>0.75 – 4.0</td></tr> <tr><td>stranded</td><td></td><td></td></tr> <tr><td>Term. poles</td><td></td><td>1</td></tr> <tr><td>Thread</td><td></td><td>M20 x 1.5</td></tr> <tr><td>Gland</td><td></td><td>inside</td></tr> <tr><td>Locking device</td><td></td><td>yes</td></tr> </table> | Wire | | mm ² | rigid | | | fine-stranded | | 0.75 – 4.0 | stranded | | | Term. poles | | 1 | Thread | | M20 x 1.5 | Gland | | inside | Locking device | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | without ferrules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire | | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rigid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| fine-stranded | | 0.75 – 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Term. poles | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | M20 x 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland | | inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Power</td><td></td><td>1, 2</td><td rowspan="2">gray</td></tr> <tr><td>250/400V</td><td></td><td>3, 4</td></tr> <tr><td>AS-i /</td><td></td><td>1, 2</td><td rowspan="2">brown</td></tr> <tr><td>24V</td><td></td><td>3, 4</td></tr> </table> | Power | | 1, 2 | gray | 250/400V | | 3, 4 | AS-i / | | 1, 2 | brown | 24V | | 3, 4 | | | 96.044.6053.0 | 96.144.2053.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power | | 1, 2 | gray | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250/400V | | 3, 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AS-i / | | 1, 2 | brown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24V | | 3, 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 96.044.6053.1 | 96.144.2053.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 96.044.6051.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

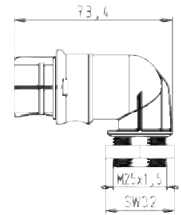
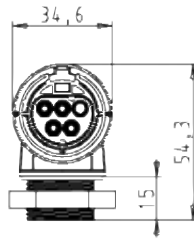
M 25 device connector, modular, angled

Female connector

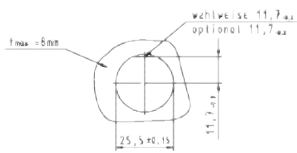
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M25 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | |
|----------|------|-------|
| Power | 1, 2 | gray |
| 250/400V | 3, 4 | black |
| AS-i / | 1, 2 | brown |
| 24V | 3, 4 | |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |

| |
|---------------|
| 96.043.6253.0 |
| 96.043.6253.1 |
| 96.043.6251.4 |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |

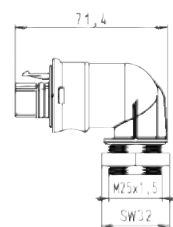
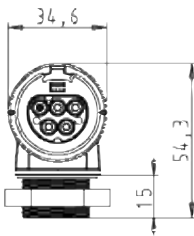
| |
|---------------|
| 96.143.2253.0 |
| 96.143.2253.1 |

Male connector

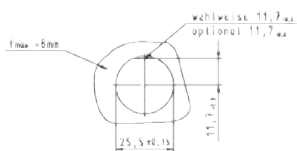
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M25 thread. With locking device

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | |
|----------|------|-------|
| Power | 1, 2 | gray |
| 250/400V | 3, 4 | black |
| AS-i / | 1, 2 | brown |
| 24V | 3, 4 | |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |
| Locking device | yes |

| |
|---------------|
| 96.044.6253.0 |
| 96.044.6253.1 |
| 96.044.6251.4 |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |
| Locking device | yes |

| |
|---------------|
| 96.144.2253.0 |
| 96.144.2253.1 |



Cable assemblies 1.5 mm², 16A

**H05VV-F
4G1.5**

**containing
halogen
(PVC)**

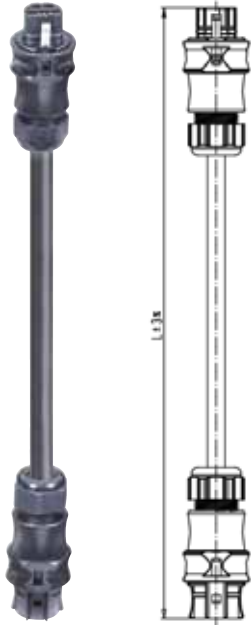


⊕ = GN/YE
1 = BN
2 = BK
3 = BU

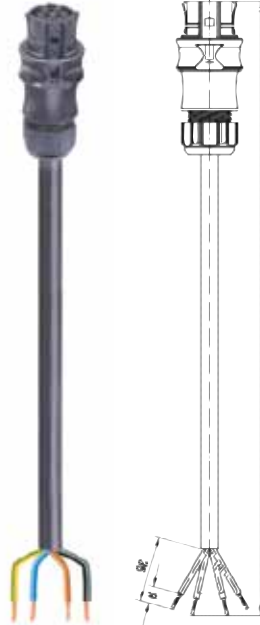
Cable: black
Connector in
black

Screw technology

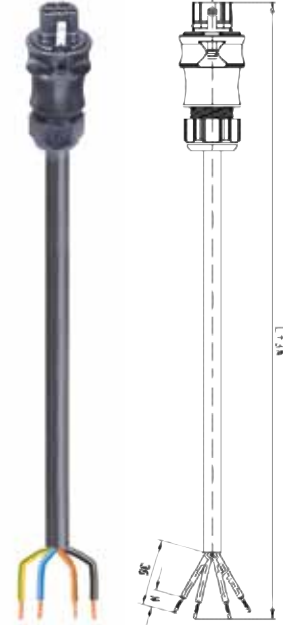
| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-------------|------------------------|---------------|---------------|---------------|
| Power | 1.0 | 96.442.1000.1 | 96.442.1003.1 | 96.442.1004.1 |
| 250/400V | 2.0 | 96.442.2000.1 | 96.442.2003.1 | 96.442.2004.1 |
| | 3.0 | 96.442.3000.1 | 96.442.3003.1 | 96.442.3004.1 |
| 1, 2, 3, ⊕ | 4.0 | 96.442.4000.1 | 96.442.4003.1 | 96.442.4004.1 |
| | 5.0 | 96.442.5000.1 | 96.442.5003.1 | 96.442.5004.1 |
| | 6.0 | 96.442.6000.1 | 96.442.6003.1 | 96.442.6004.1 |
| | 7.0 | 96.442.7000.1 | 96.442.7003.1 | 96.442.7004.1 |
| | 8.0 | 96.442.8000.1 | 96.442.8003.1 | 96.442.8004.1 |



| | |
|----------------------|-----|
| Female - Male | |
| Extension cable | |
| Locking device | yes |



| | |
|--------------------------|------------------|
| Female - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |



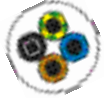
| | |
|------------------------|------------------|
| Male - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A

**H07RN-F
4G1.5**

**Insulating
rubber
compound**

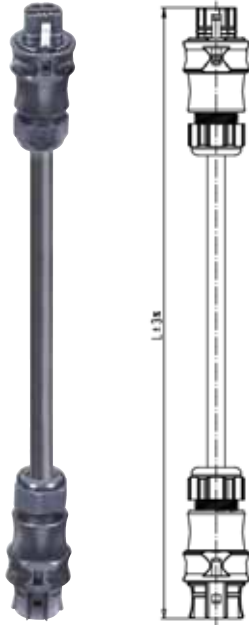


⊕ = GN/YE
1 = BN
2 = BK
3 = BU

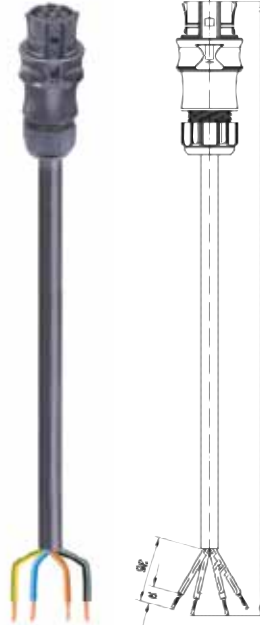
Cable: black
Connector in
black

Screw technology

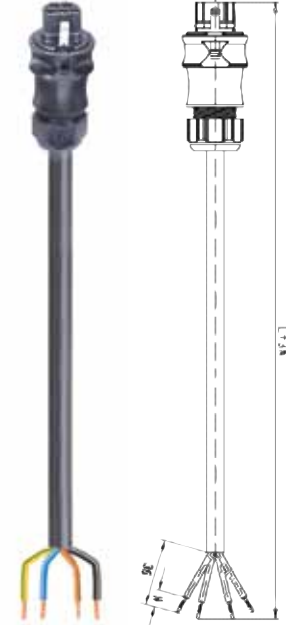
| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-------------|------------------------|---------------|---------------|---------------|
| Power | 1.0 | 96.442.1030.1 | 96.442.1033.1 | 96.442.1034.1 |
| 250/400V | 2.0 | 96.442.2030.1 | 96.442.2033.1 | 96.442.2034.1 |
| | 3.0 | 96.442.3030.1 | 96.442.3033.1 | 96.442.3034.1 |
| 1, 2, 3, ⊕ | 4.0 | 96.442.4030.1 | 96.442.4033.1 | 96.442.4034.1 |
| | 5.0 | 96.442.5030.1 | 96.442.5033.1 | 96.442.5034.1 |
| | 6.0 | 96.442.6030.1 | 96.442.6033.1 | 96.442.6034.1 |
| | 7.0 | 96.442.7030.1 | 96.442.7033.1 | 96.442.7034.1 |
| | 8.0 | 96.442.8030.1 | 96.442.8033.1 | 96.442.8034.1 |



| | |
|----------------------|-----|
| Female - Male | |
| Extension cable | |
| Locking device | yes |



| | |
|--------------------------|------------------|
| Female - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |



| | |
|------------------------|------------------|
| Male - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |



¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

**H05VV-F
4G2.5**

**containing
halogen
(PVC)**

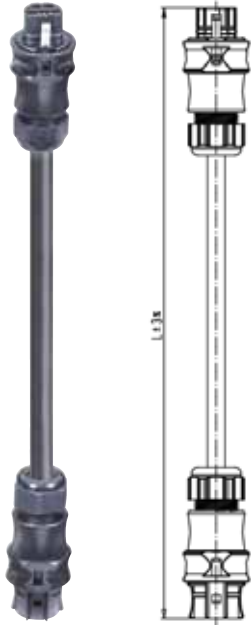


⊕ = GN/YE
1 = BN
2 = BK
3 = BU

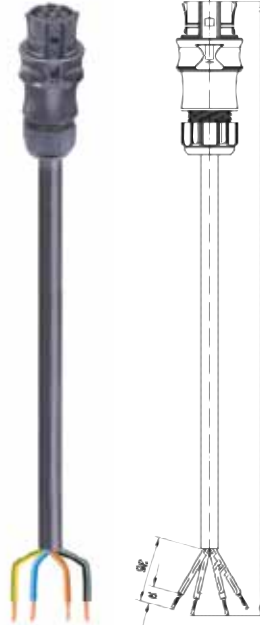
Cable: black
Connector in
black

Screw technology

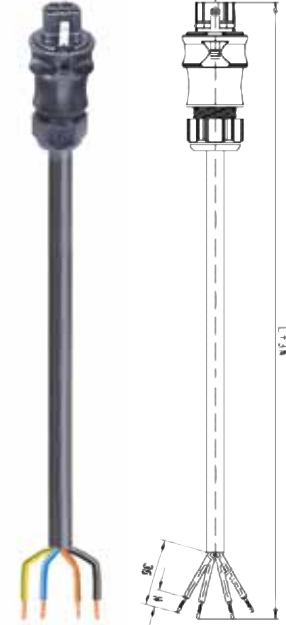
| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-------------|------------------------|---------------|---------------|---------------|
| Power | 1.0 | 96.443.1000.1 | 96.443.1003.1 | 96.443.1004.1 |
| 250/400V | 2.0 | 96.443.2000.1 | 96.443.2003.1 | 96.443.2004.1 |
| | 3.0 | 96.443.3000.1 | 96.443.3003.1 | 96.443.3004.1 |
| 1, 2, 3, ⊕ | 4.0 | 96.443.4000.1 | 96.443.4003.1 | 96.443.4004.1 |
| | 5.0 | 96.443.5000.1 | 96.443.5003.1 | 96.443.5004.1 |
| | 6.0 | 96.443.6000.1 | 96.443.6003.1 | 96.443.6004.1 |
| | 7.0 | 96.443.7000.1 | 96.443.7003.1 | 96.443.7004.1 |
| | 8.0 | 96.443.8000.1 | 96.443.8003.1 | 96.443.8004.1 |



| | |
|----------------------|-----|
| Female - Male | |
| Extension cable | |
| Locking device | yes |



| | |
|--------------------------|------------------|
| Female - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |



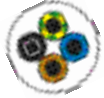
| | |
|------------------------|------------------|
| Male - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

**H07RN-F
4G2.5**

**Insulating
rubber
compound**

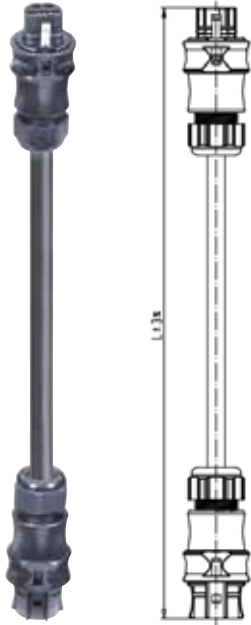


⊕ = GN/YE
1 = BN
2 = BK
3 = BU

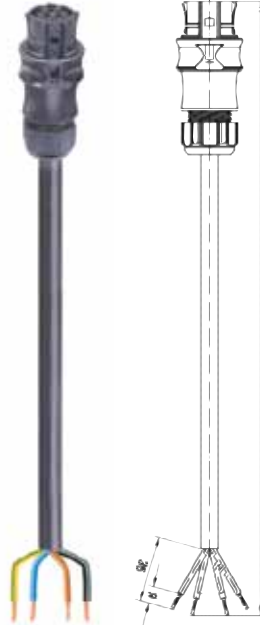
Cable: black
Connector in black

Screw technology

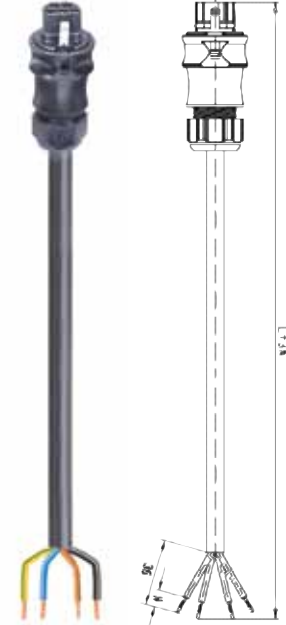
| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-------------|------------------------|---------------|---------------|---------------|
| Power | 1.0 | 96.443.1030.1 | 96.443.1033.1 | 96.443.1034.1 |
| 250/400V | 2.0 | 96.443.2030.1 | 96.443.2033.1 | 96.443.2034.1 |
| | 3.0 | 96.443.3030.1 | 96.443.3033.1 | 96.443.3034.1 |
| | 4.0 | 96.443.4030.1 | 96.443.4033.1 | 96.443.4034.1 |
| 1, 2, 3, ⊕ | 5.0 | 96.443.5030.1 | 96.443.5033.1 | 96.443.5034.1 |
| | 6.0 | 96.443.6030.1 | 96.443.6033.1 | 96.443.6034.1 |
| | 7.0 | 96.443.7030.1 | 96.443.7033.1 | 96.443.7034.1 |
| | 8.0 | 96.443.8030.1 | 96.443.8033.1 | 96.443.8034.1 |



| | |
|----------------------|-----|
| Female - Male | |
| Extension cable | |
| Locking device | yes |



| | |
|--------------------------|------------------|
| Female - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |



| | |
|------------------------|------------------|
| Male - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |



¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A, power 4 pole

**Ölflex
Classic 110
4G1.5**

**containing
halogen
(PVC)**

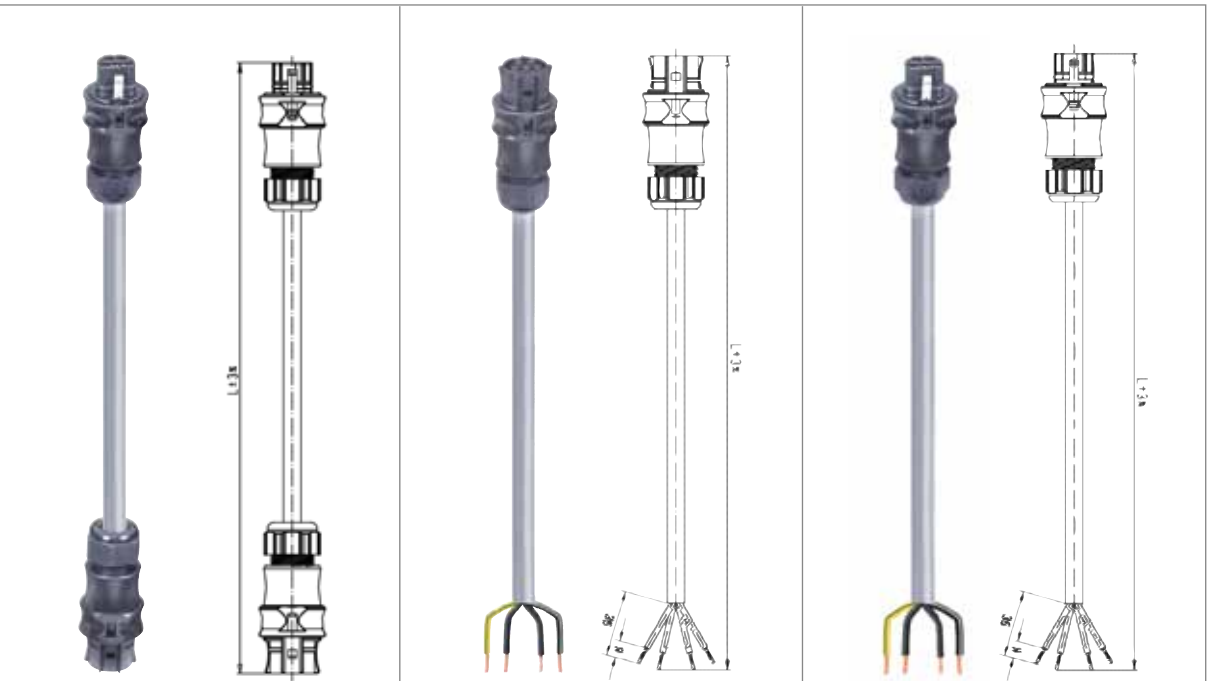


⊕ = GN/YE
1 = BK 1
2 = BK 2
3 = BK 3

Cable¹⁾: gray
Connector in
black

Screw technology

| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-------------|------------------------|---------------|---------------|---------------|
| Power | 1.0 | 96.442.1080.1 | 96.442.1083.1 | 96.442.1084.1 |
| 250/400V | 2.0 | 96.442.2080.1 | 96.442.2083.1 | 96.442.2084.1 |
| | 3.0 | 96.442.3080.1 | 96.442.3083.1 | 96.442.3084.1 |
| 1, 2, 3, ⊕ | 4.0 | 96.442.4080.1 | 96.442.4083.1 | 96.442.4084.1 |
| | 5.0 | 96.442.5080.1 | 96.442.5083.1 | 96.442.5084.1 |
| | 6.0 | 96.442.6080.1 | 96.442.6083.1 | 96.442.6084.1 |
| | 7.0 | 96.442.7080.1 | 96.442.7083.1 | 96.442.7084.1 |
| | 8.0 | 96.442.8080.1 | 96.442.8083.1 | 96.442.8084.1 |




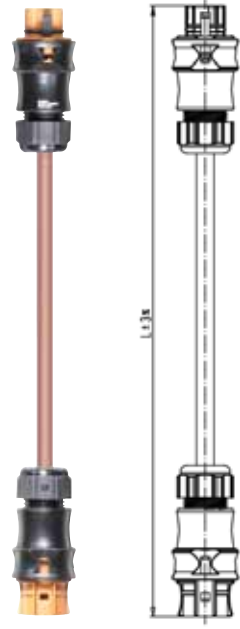
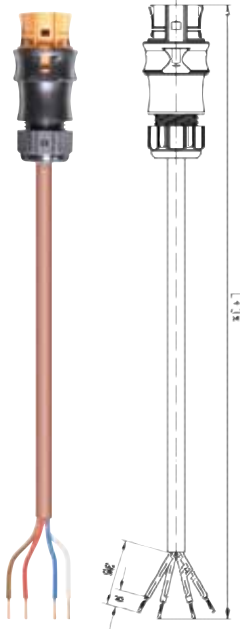
| | |
|----------------------|-----|
| Female - Male | |
| Extension cable | |
| Locking device | yes |

| | |
|--------------------------|------------------|
| Female - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |

| | |
|------------------------|------------------|
| Male - Free end | |
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |


¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A, AS-i 24V

| PVC 4 x 2.5 | | Special compound | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--|-----|------------------|----------|-----------|------------------|---------------------|---------------|---------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|---------------|-----------------|---------------|----------------|-----|
|  <p>1 = AS-i + = BN 2 = OV = WH 3 = AS-i - = BU 4 = 24V = RD</p> | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Cable¹⁾: brown Connector in brown</p> <p>Screw technology</p> | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Application Length²⁾ m</p> <table border="1"> <tr> <td>AS-i</td> <td>1.0</td> <td>96.443.1082.4</td> </tr> <tr> <td>24 V</td> <td>2.0</td> <td>96.443.2082.4</td> </tr> <tr> <td></td> <td>3.0</td> <td>96.443.3082.4</td> </tr> <tr> <td>1, 2, 3, 4</td> <td>4.0</td> <td>96.443.4082.4</td> </tr> <tr> <td></td> <td>5.0</td> <td>96.443.5082.4</td> </tr> <tr> <td></td> <td>6.0</td> <td>96.443.6082.4</td> </tr> <tr> <td></td> <td>7.0</td> <td>96.443.7082.4</td> </tr> <tr> <td></td> <td>8.0</td> <td>96.443.8082.4</td> </tr> <tr> <td></td> <td>9.0</td> <td>96.443.9082.4</td> </tr> </table> | | AS-i | 1.0 | 96.443.1082.4 | 24 V | 2.0 | 96.443.2082.4 | | 3.0 | 96.443.3082.4 | 1, 2, 3, 4 | 4.0 | 96.443.4082.4 | | 5.0 | 96.443.5082.4 | | 6.0 | 96.443.6082.4 | | 7.0 | 96.443.7082.4 | | 8.0 | 96.443.8082.4 | | 9.0 | 96.443.9082.4 | <p>Female - Male</p> <table border="1"> <tr> <td>Extension cable</td> <td></td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table> | | Extension cable | | Locking device | yes |
| AS-i | 1.0 | 96.443.1082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 V | 2.0 | 96.443.2082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.0 | 96.443.3082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1, 2, 3, 4 | 4.0 | 96.443.4082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.0 | 96.443.5082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6.0 | 96.443.6082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.0 | 96.443.7082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8.0 | 96.443.8082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9.0 | 96.443.9082.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>Female - Free end</p> <table border="1"> <tr> <td>Connection cable</td> <td></td> </tr> <tr> <td>Wire ends</td> <td>ultrason. welded</td> </tr> <tr> <td>Sheath strip length</td> <td>35 mm</td> </tr> <tr> <td>Insul. strip length</td> <td>9 mm</td> </tr> </table> | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>Male - Free end</p> <table border="1"> <tr> <td>Connection cable</td> <td></td> </tr> <tr> <td>Wire ends</td> <td>ultrason. welded</td> </tr> <tr> <td>Sheath strip length</td> <td>35 mm</td> </tr> <tr> <td>Insul. strip length</td> <td>9 mm</td> </tr> <tr> <td>Locking device</td> <td>yes</td> </tr> </table> | | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | yes | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <tr> <td>Part No.</td> <td>Part No.</td> <td>Part No.</td> </tr> <tr> <td>96.443.1088.4</td> <td>96.443.1087.4</td> <td>96.443.1088.4</td> </tr> <tr> <td>96.443.2088.4</td> <td>96.443.2087.4</td> <td>96.443.2088.4</td> </tr> <tr> <td>96.443.3088.4</td> <td>96.443.3087.4</td> <td>96.443.3088.4</td> </tr> <tr> <td>96.443.4088.4</td> <td>96.443.4087.4</td> <td>96.443.4088.4</td> </tr> <tr> <td>96.443.5088.4</td> <td>96.443.5087.4</td> <td>96.443.5088.4</td> </tr> <tr> <td>96.443.6088.4</td> <td>96.443.6087.4</td> <td>96.443.6088.4</td> </tr> <tr> <td>96.443.7088.4</td> <td>96.443.7087.4</td> <td>96.443.7088.4</td> </tr> <tr> <td>96.443.8088.4</td> <td>96.443.8087.4</td> <td>96.443.8088.4</td> </tr> <tr> <td>96.443.9088.4</td> <td>96.443.9087.4</td> <td>96.443.9088.4</td> </tr> </table> | | Part No. | Part No. | Part No. | 96.443.1088.4 | 96.443.1087.4 | 96.443.1088.4 | 96.443.2088.4 | 96.443.2087.4 | 96.443.2088.4 | 96.443.3088.4 | 96.443.3087.4 | 96.443.3088.4 | 96.443.4088.4 | 96.443.4087.4 | 96.443.4088.4 | 96.443.5088.4 | 96.443.5087.4 | 96.443.5088.4 | 96.443.6088.4 | 96.443.6087.4 | 96.443.6088.4 | 96.443.7088.4 | 96.443.7087.4 | 96.443.7088.4 | 96.443.8088.4 | 96.443.8087.4 | 96.443.8088.4 | 96.443.9088.4 | 96.443.9087.4 | 96.443.9088.4 | |
| Part No. | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.1088.4 | 96.443.1087.4 | 96.443.1088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.2088.4 | 96.443.2087.4 | 96.443.2088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.3088.4 | 96.443.3087.4 | 96.443.3088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.4088.4 | 96.443.4087.4 | 96.443.4088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.5088.4 | 96.443.5087.4 | 96.443.5088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.6088.4 | 96.443.6087.4 | 96.443.6088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.7088.4 | 96.443.7087.4 | 96.443.7088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.8088.4 | 96.443.8087.4 | 96.443.8088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.443.9088.4 | 96.443.9087.4 | 96.443.9088.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request

Distribution unit




RST compact distribution unit


| Name | Color | Part No. |
|--------------------------------------|-------|------------|
| RST compact distribution unit | black | on request |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|------------------------------|
| Dimensions (W x L x H) | 104 x 162 x 57.2 mm |
| Fitted as required with | M25 device connectors 4 pole |
| Input | 1, RST20i4 |
| Outputs | 3, RST20i4 |
| Prewired with | 2.5 mm ² |
| Fastening options | yes |

Circuit diagram





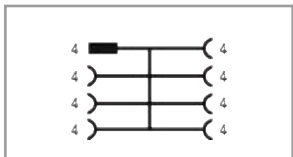
RST multi-distribution unit

| Name | Color | Part No. |
|------------------------------------|-------|------------|
| RST multi-distribution unit | black | on request |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|-------------------------------|
| Dimensions (W x L x H) | 112 x 154 x 94 mm |
| Fitted as required with | M25 device connectors 4 pole |
| Input | 1, RST20i4 |
| Outputs | 7, RST20i4 |
| Prewired with | 2.5 mm ² |
| Fuses | 6.3 or 10 A can be integrated |

Circuit diagram



Accessories

Female connector
4 to 5 pole



| Color | Part No. | Part No. | | | | | | | | | | | | |
|--------------------------|--|--------------------------|--|------|-------------|---------------------|------------------------|--|----------------------|--|------|-------------|---------------------|------------------------|
| | <table border="1"> <thead> <tr> <th colspan="2">not captive against loss</th> </tr> </thead> <tbody> <tr> <td>Pole</td> <td>4 to 5 pole</td> </tr> <tr> <td>Safe locking device</td> <td>unused male connectors</td> </tr> </tbody> </table> | not captive against loss | | Pole | 4 to 5 pole | Safe locking device | unused male connectors | <table border="1"> <thead> <tr> <th colspan="2">captive against loss</th> </tr> </thead> <tbody> <tr> <td>Pole</td> <td>4 to 5 pole</td> </tr> <tr> <td>Safe locking device</td> <td>unused male connectors</td> </tr> </tbody> </table> | captive against loss | | Pole | 4 to 5 pole | Safe locking device | unused male connectors |
| not captive against loss | | | | | | | | | | | | | | |
| Pole | 4 to 5 pole | | | | | | | | | | | | | |
| Safe locking device | unused male connectors | | | | | | | | | | | | | |
| captive against loss | | | | | | | | | | | | | | |
| Pole | 4 to 5 pole | | | | | | | | | | | | | |
| Safe locking device | unused male connectors | | | | | | | | | | | | | |
| gray | 05.565.9953.0 | 99.531.0000.7 | | | | | | | | | | | | |
| black | 05.565.9953.1 | 99.532.0000.7 | | | | | | | | | | | | |


Male connector
4 to 5 pole



| Color | Part No. | Part No. | | | | | | | | | | | | |
|--------------------------|--|--------------------------|--|------|-------------|---------------------|--------------------------|--|----------------------|--|------|-------------|---------------------|--------------------------|
| | <table border="1"> <thead> <tr> <th colspan="2">not captive against loss</th> </tr> </thead> <tbody> <tr> <td>Pole</td> <td>4 to 5 pole</td> </tr> <tr> <td>Safe locking device</td> <td>unused female connectors</td> </tr> </tbody> </table> | not captive against loss | | Pole | 4 to 5 pole | Safe locking device | unused female connectors | <table border="1"> <thead> <tr> <th colspan="2">captive against loss</th> </tr> </thead> <tbody> <tr> <td>Pole</td> <td>4 to 5 pole</td> </tr> <tr> <td>Safe locking device</td> <td>unused female connectors</td> </tr> </tbody> </table> | captive against loss | | Pole | 4 to 5 pole | Safe locking device | unused female connectors |
| not captive against loss | | | | | | | | | | | | | | |
| Pole | 4 to 5 pole | | | | | | | | | | | | | |
| Safe locking device | unused female connectors | | | | | | | | | | | | | |
| captive against loss | | | | | | | | | | | | | | |
| Pole | 4 to 5 pole | | | | | | | | | | | | | |
| Safe locking device | unused female connectors | | | | | | | | | | | | | |
| gray | Z5.565.9853.0 | 99.529.0000.7 | | | | | | | | | | | | |
| black | Z5.565.9853.1 | 99.530.0000.7 | | | | | | | | | | | | |


Accessories

| Crimp contacts* Female contacts | Name | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------------------------------|------------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 – 1.0 | 02.125.5521.8 | 100 |
| | Crimp contact | 1 | 1.5 | 02.125.5621.8 | 100 |
| | Crimp contact | 2 | 2.5 | 02.125.5721.8 | 100 |
| | Crimp contact | 3 | 4.0 | 02.125.5821.8 | 100 |




* Available on straps or in magazines on request

| Crimp contacts* Male contacts | Name | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------------------------------|------------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 – 1.0 | 05.545.0021.8 | 100 |
| | Crimp contact | 1 | 1.5 | 05.545.0121.8 | 100 |
| | Crimp contact | 2 | 2.5 | 05.545.0221.8 | 100 |
| | Crimp contact | 3 | 4.0 | 05.545.0321.8 | 100 |




* Available on straps or in magazines on request

| Crimping tool | Name | Part No. |
|----------------------|---------------------------------------|---------------|
| | Crimping tool incl. system kit | 95.101.0800.0 |
| | Crimping die B | 05.502.2100.0 |
| | Contact positioner | 05.502.3600.0 |



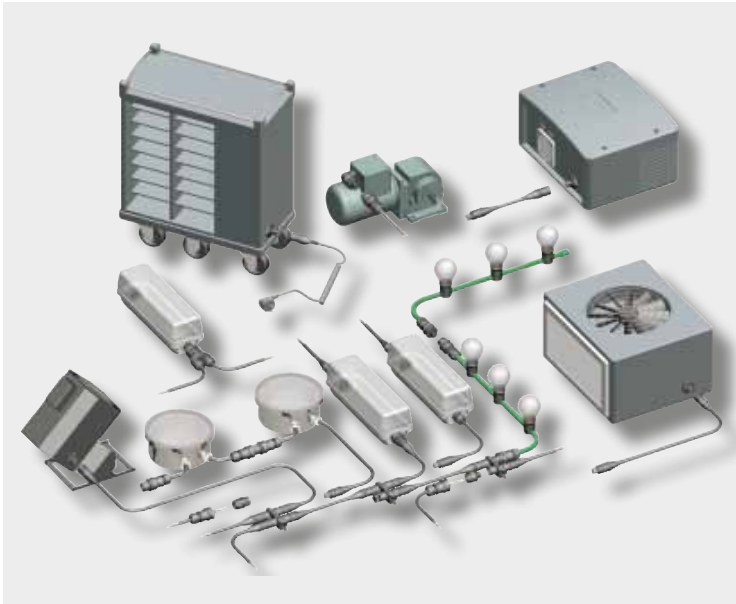
| Unlocking tool for crimp contacts | Name | Part No. |
|---|-----------------------|---------------|
| | Unlocking tool | 05.502.3500.0 |






The 5 pole versions – general power applications, switching functions, power/dimming signals and low voltage

Application example



General

Four variations are available for the 5 pole connectors: the standard version for general power applications, another version for switching functions, a version to combine power and dimming signals, as well as a version for low-voltage applications.

All connectors are mechanically coded. This means that only associated pairs of male and female can be connected with the correct polarity. You therefore have the security of a clear separation of different applications without having to redo any incorrect connections. The color of the connectors indicates the links that belong together.



Coding

| | | | | | Application | | Power 250/400 V | 50 V, LV, bus sign. | Power 250 V | Switch.func. 250 V |
|-------------------|---|------------------|-----------------------|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------|
| | | | | | Mechanical coding | | ⊕, N, 3, 2, 1 | 1, 2, 3, 4, 5 | L, ⊕, N, D1, D2 | 1, 2, 3, 4, 5 |
| | | | | | | | | | | |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | gray | black | brown | turquoise | blue | |
| Connectors | 1 x cable entry | Screw Crimp | yes | 1 | | | | | | |
| | 2 x cable entry | Screw | yes | 1 | | | | | | |
| Distribution unit | RST compact distribution unit/multi-distribution unit | | | | available on request | available on request | available on request | available on request | available on request | |
| | Individual distribution box | | | | available on request | available on request | available on request | available on request | available on request | |
| Device connectors | M16 device connector, modular, straight | | | | | | | | | |
| | M16 device connector, modular, angled 7° | | | | | | | | | |
| | M25 device connector, standard | | | | | | | | | |
| | M20 device connector, standard | | | | | | | | | |
| | M20 device connector, modular, angled | | | | | | | | | |
| Cable assemblies | Connection cable Male – Free end | pre-assembled | pre-assembled | pre-assembled | | | | | | |
| | Connection cable Female – Free end | | | | | | | | | |
| | Extension cable Male – Female | | | | | | | | | |

Connector for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. | |
|-----------------------|--------|----------------------|---------|---|--|---------------|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) | |
| | | | | Wire | Wire | |
| | | | | rigid | mm ² | |
| | | | | fine-stranded | 0.75 – 4.0 | |
| | | | | stranded | without ferrules | |
| Power 250/400 V | | ⊕, N, 3, 2, 1 | 6 – 10 | gray | 96.051.4053.0 | 96.151.0053.0 |
| | | | 10 – 14 | black | 96.051.4053.1 | 96.151.0053.1 |
| | | | | gray | 96.051.4153.0 | 96.151.0153.0 |
| | | | | black | 96.051.4153.1 | 96.151.0153.1 |
| Power 250 V + Dimming | | L, ⊕, N, D1, D2 | 6 – 10 | turquoise | 96.051.4053.6 | 96.151.0053.6 |
| | | | 10 – 14 | | 96.051.4153.6 | 96.151.0153.6 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 6 – 10 | blue | 96.051.4053.9 | 96.151.0053.9 |
| | | | 10 – 14 | | 96.051.4153.9 | 96.151.0153.9 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 6 – 10 | brown | 96.051.4051.4 | 96.151.0051.4 |
| | | | 10 – 14 | | 96.051.4151.4 | 96.151.0151.4 |

Male connector

Unmounted with cable gland and with locking device.

Crimp contacts separately available under Accessories

See Technical Data for sheath and insulation strip lengths.



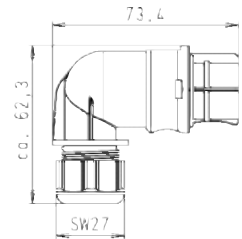
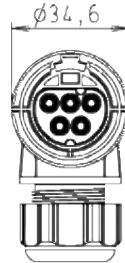
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. | |
|-----------------------|--------|----------------------|---------|---|--|---------------|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) | |
| | | | | Wire | Wire | |
| | | | | rigid | mm ² | |
| | | | | fine-stranded | 0.75 – 4.0 | |
| | | | | stranded | without ferrules | |
| | | | | Locking device | yes | |
| Power 250/400 V | | ⊕, N, 3, 2, 1 | 6 – 10 | gray | 96.052.4053.0 | 96.152.0053.0 |
| | | | 10 – 14 | black | 96.052.4053.1 | 96.152.0053.1 |
| | | | | gray | 96.052.4153.0 | 96.152.0153.0 |
| | | | | black | 96.052.4153.1 | 96.152.0153.1 |
| Power 250 V + dimming | | L, ⊕, N, D1, D2 | 6 – 10 | turquoise | 96.052.4053.6 | 96.152.0053.6 |
| | | | 10 – 14 | | 96.052.4153.6 | 96.152.0153.6 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 6 – 10 | blue | 96.052.4053.9 | 96.152.0053.9 |
| | | | 10 – 14 | | 96.052.4153.9 | 96.152.0153.9 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 6 – 10 | brown | 96.052.4051.4 | 96.152.0051.4 |
| | | | 10 – 14 | | 96.052.4151.4 | 96.152.0151.4 |

Connector, angled for cables of Ø 6 – 10 mm and 10 – 14 mm

Female connector

Unmounted with cable gland.
90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.

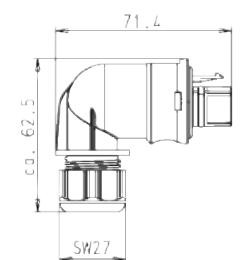
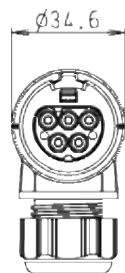


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-----------------------|--------|----------------------|---------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | mm ² |
| | | | | fine-stranded | 0.75 – 4.0 |
| | | | | stranded | without ferrules |
| Power 250/400 V | | ⊕, N, 3, 2, 1 | 6 – 10 | gray | 96.053.4053.0 |
| | | | 10 – 14 | black | 96.053.4053.1 |
| | | | | gray | 96.053.4153.0 |
| | | | | black | 96.053.4153.1 |
| Power 250 V + Dimming | | L, ⊕, N, D1, D2 | 6 – 10 | turquoise | 96.053.4053.6 |
| | | | 10 – 14 | | 96.053.4153.6 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 6 – 10 | blue | 96.053.4053.9 |
| | | | 10 – 14 | | 96.053.4153.9 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 6 – 10 | brown | 96.053.4051.4 |
| | | | 10 – 14 | | 96.053.4151.4 |
| | | | | | 96.153.0053.0 |
| | | | | | 96.153.0053.1 |
| | | | | | 96.153.0153.0 |
| | | | | | 96.153.0153.1 |
| | | | | | 96.153.0053.6 |
| | | | | | 96.153.0153.6 |
| | | | | | 96.153.0053.9 |
| | | | | | 96.153.0153.9 |
| | | | | | 96.153.0051.4 |
| | | | | | 96.153.0151.4 |

Male connector

Unmounted with cable gland and with locking device. 90° angle.

See the Technical Data for insulation strip lengths as well as the ferrules to be used.



| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-----------------------|--------|----------------------|---------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | mm ² |
| | | | | fine-stranded | 0.75 – 4.0 |
| | | | | stranded | without ferrules |
| | | | | Locking device | yes |
| Power 250/400 V | | ⊕, N, 3, 2, 1 | 6 – 10 | gray | 96.054.4053.0 |
| | | | 10 – 14 | black | 96.054.4053.1 |
| | | | | gray | 96.054.4153.0 |
| | | | | black | 96.054.4153.1 |
| Power 250 V + dimming | | L, ⊕, N, D1, D2 | 6 – 10 | turquoise | 96.054.4053.6 |
| | | | 10 – 14 | | 96.054.4153.6 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 6 – 10 | blue | 96.054.4053.9 |
| | | | 10 – 14 | | 96.054.4153.9 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 6 – 10 | brown | 96.054.4051.4 |
| | | | 10 – 14 | | 96.054.4151.4 |
| | | | | | 96.154.0053.0 |
| | | | | | 96.154.0053.1 |
| | | | | | 96.154.0153.0 |
| | | | | | 96.154.0153.1 |
| | | | | | 96.154.0053.6 |
| | | | | | 96.154.0153.6 |
| | | | | | 96.154.0053.9 |
| | | | | | 96.154.0153.9 |
| | | | | | 96.154.0051.4 |
| | | | | | 96.154.0151.4 |

¹⁾ With wire protection available on request

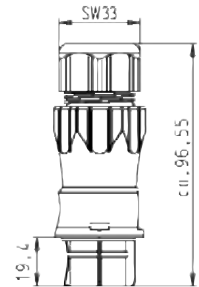
Connector for cables of Ø 13 – 18 mm

Female connector

Unmounted with cable gland.

Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.



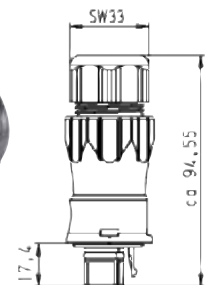
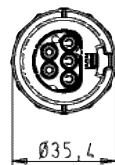
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-----------------------|--------|----------------------|---------|---|--|
| | | | | with screw connection¹⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | fine-stranded |
| | | | | fine-stranded | stranded |
| | | | | stranded | |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| Power 250 V/400 V | | ⊕, N, 3, 2, 1 | 13 – 18 | gray black | 96.051.4553.0 |
| Power 250 V + dimming | | L, ⊕, N, D1, D2 | 13 – 18 | turquoise | 96.051.4553.1 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 13 – 18 | blue | 96.051.4553.6 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 13 – 18 | brown | 96.051.4553.9 |
| | | | | | 96.151.0553.0 |
| | | | | | 96.151.0553.1 |
| | | | | | 96.151.0553.6 |
| | | | | | 96.151.0553.9 |
| | | | | | 96.151.0551.4 |

Male connector

Unmounted with cable gland and with locking device.

Crimp contacts separately available under Accessories.

See Technical Data for sheath and insulation strip lengths.



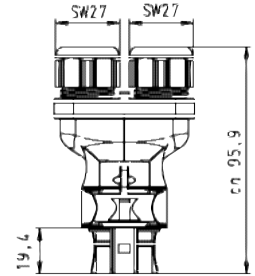
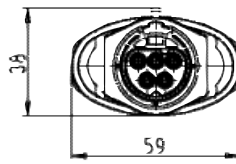
| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|-----------------------|--------|----------------------|---------|---|--|
| | | | | with screw connection²⁾ | with crimp connection (see Accessories) |
| | | | | Wire | Wire |
| | | | | rigid | fine-stranded |
| | | | | fine-stranded | stranded |
| | | | | stranded | |
| | | | | 0.75 – 4.0 | 0.75 – 4.0 |
| | | | | without ferrules | |
| | | | | Locking device | yes |
| Power 250 V/400 V | | ⊕, N, 3, 2, 1 | 13 – 18 | gray black | 96.052.4553.0 |
| Power 250 V + dimming | | L, ⊕, N, D1, D2 | 13 – 18 | turquoise | 96.052.4553.1 |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | 13 – 18 | blue | 96.052.4553.6 |
| 50 V, LV, bus signals | | 1, 2, 3, 4, 5 | 13 – 18 | brown | 96.052.4553.9 |
| | | | | | 96.152.0553.0 |
| | | | | | 96.152.0553.1 |
| | | | | | 96.152.0553.6 |
| | | | | | 96.152.0553.9 |
| | | | | | 96.152.0551.4 |





Splitter connector

Female connector

Unmounted with cable gland.

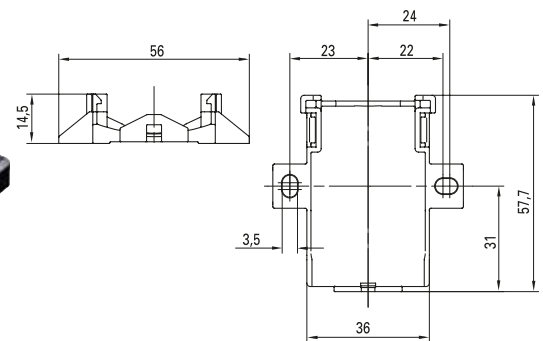
See Technical Data for sheath and insulation strip lengths.



| Application | Coding | Cable diameter in mm | Color | Part No. |
|---|--|----------------------|--------------------------------|--|
| with screw connection¹⁾ | | | | |
| | | | | Wire mm ² |
| | | | | rigid |
| | | | | fine-stranded |
| | | | | stranded |
| | | | | 0.75 – 1.5 without ferrules |
| Power 250/400 V |  ⊕, N, 3, 2, 1 | 6 – 10 10 – 14 | gray black gray black | 96.051.4253.0 96.051.4253.1 96.051.4353.0 96.051.4353.1 |
| Power 250 V +Dimming |  L, ⊕, N, D1, D2 | 6 – 10 10 – 14 | turquoise | 96.051.4253.6 96.051.4353.6 |
| Switch.func. 250 V |  1, 2, 3, 4, 5 | 6 – 10 10 – 14 | blue | |
| 50 V, LV, bus signals |  1, 2, 3, 4, 5 | 6 – 10 10 – 14 | brown | 96.051.4251.4 96.051.4351.4 |



Mounting plate for splitter connectors



| Color | Part No. |
|-------|---------------|
| gray | 01.006.1553.0 |
| black | 01.006.1553.1 |

Crimp contacts separately available under Accessories

Additional compact and multi distribution units from the RST range following this section.

¹⁾ With wire protection available on request

M 25 device connector, standard

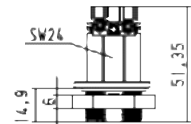
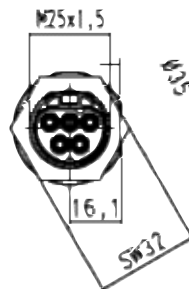
Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from outside.

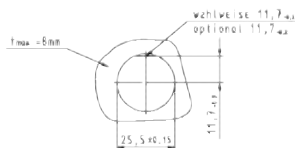
Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.

For spacer rings for unlocking at the device connector, see Accessories.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | outside |

| | |
|---------------|--|
| 96.051.5053.0 | |
| 96.051.5053.1 | |
| 96.051.5053.6 | |
| 96.051.5053.9 | |
| 96.051.5051.4 | |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | outside |

| | |
|---------------|--|
| 96.151.1053.0 | |
| 96.151.1053.1 | |
| 96.151.1053.6 | |
| 96.151.1053.9 | |
| 96.151.1051.4 | |

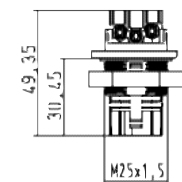
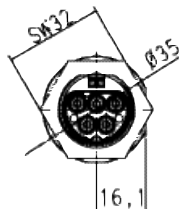
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.

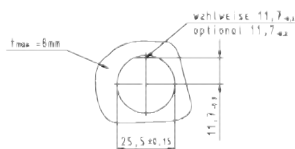
Fastening with screws from outside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | outside |
| Locking device | yes |

| | |
|---------------|--|
| 96.052.5053.0 | |
| 96.052.5053.1 | |
| 96.052.5053.6 | |
| 96.052.5053.9 | |
| 96.052.5051.4 | |

Part No.

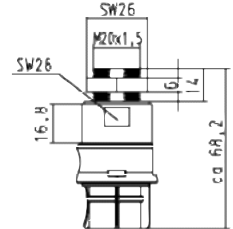
| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | outside |
| Locking device | yes |

| | |
|---------------|--|
| 96.152.1053.0 | |
| 96.152.1053.1 | |
| 96.152.1053.6 | |
| 96.152.1053.9 | |
| 96.152.1051.4 | |

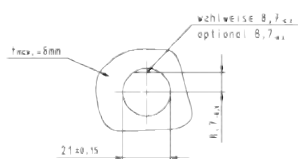
M 20 device connector, modular, straight

Female connector

Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.
Crimp contacts separately available under Accessories
See Technical Data for sheath and insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |

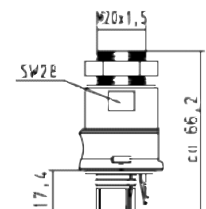
Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |

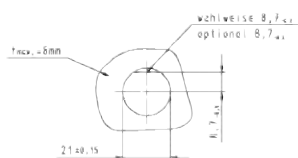
| | |
|---------------|---------------|
| 96.051.6053.0 | 96.151.2053.0 |
| 96.051.6053.1 | 96.151.2053.1 |
| 96.051.6053.6 | 96.151.2053.6 |
| 96.051.6053.9 | 96.151.2053.9 |
| 96.051.6051.4 | 96.151.2051.4 |

Male connector

Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.
Crimp contacts separately available under Accessories
See Technical Data for sheath and insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

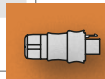
Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |
| Locking device | yes |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|---------------|
| 96.052.6053.0 | 96.152.2053.0 |
| 96.052.6053.1 | 96.152.2053.1 |
| 96.052.6053.6 | 96.152.2053.6 |
| 96.052.6053.9 | 96.152.2053.9 |
| 96.052.6051.4 | 96.152.2051.4 |



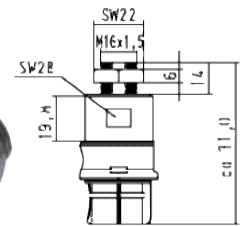
M 16 device connector, modular, straight

Female connector

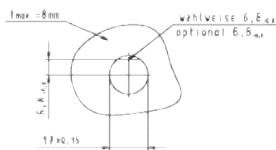
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3, 2, 1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | blue |
| 50V, LV, bus signals | | 1, 2, 3, 4, 5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

| | |
|---------------|---------------|
| 96.051.6153.0 | 96.151.2153.0 |
| 96.051.6153.1 | 96.151.2153.1 |
| 96.051.6153.6 | 96.151.2153.6 |
| 96.051.6153.9 | 96.151.2153.9 |
| 96.051.6151.4 | 96.151.2151.4 |

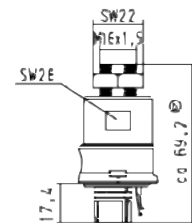
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.

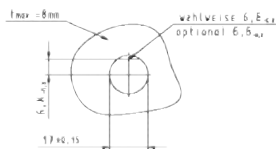
Fastening with screws from inside.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3, 2, 1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | blue |
| 50V, LV, bus signals | | 1, 2, 3, 4, 5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|---------------|
| 96.052.6153.0 | 96.152.2153.0 |
| 96.052.6153.1 | 96.152.2153.1 |
| 96.052.6153.6 | 96.152.2153.6 |
| 96.052.6153.9 | 96.152.2153.9 |
| 96.052.6151.4 | 96.152.2151.4 |

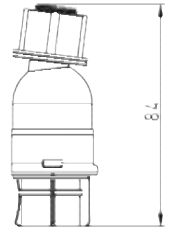
M 16 device connector, modular, 7° angle

Female connector

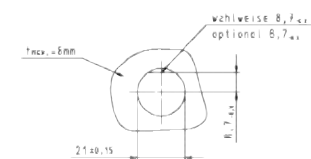
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. .
Angled 7°, thread M16.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

| | |
|---------------|--|
| 96.055.6153.0 | |
| 96.055.6153.1 | |
| 96.055.6153.6 | |
| 96.055.6153.9 | |
| 96.055.6151.4 | |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |

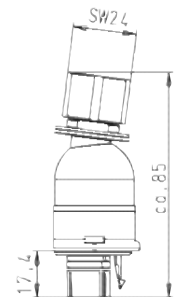
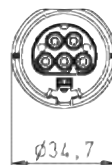
| | |
|---------------|--|
| 96.155.2153.0 | |
| 96.155.2153.1 | |
| 96.155.2153.6 | |
| 96.155.2153.9 | |
| 96.155.2151.4 | |

Male connector

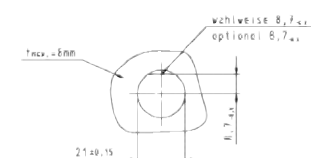
Correct positioning guaranteed due to flattened thread. With locking device.
Fastening with screws from inside.
Angled 7°, thread M16.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

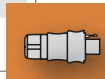
| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.056.6153.0 | |
| 96.056.6153.1 | |
| 96.056.6153.6 | |
| 96.056.6153.9 | |
| 96.056.6151.4 | |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M16 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.156.2153.0 | |
| 96.156.2153.1 | |
| 96.156.2153.6 | |
| 96.156.2153.9 | |
| 96.156.2151.4 | |



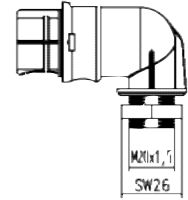
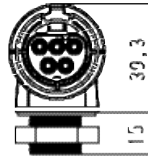
M 20 device connector, modular, angled

Female connector

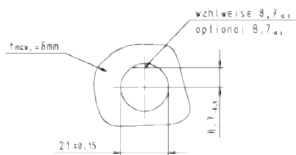
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M20 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3, 2, 1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | blue |
| 50V, LV, bus signals | | 1, 2, 3, 4, 5 | brown |

Part No.

with screw connection

| | |
|---------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |

| | |
|---------------|--|
| 96.053.6053.0 | |
| 96.053.6053.1 | |
| 96.053.6053.6 | |
| 96.053.6053.9 | |
| 96.053.6051.4 | |

Part No.

with crimp connection (see Accessories)

| | |
|---------------|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |

| | |
|---------------|--|
| 96.153.2053.0 | |
| 96.153.2053.1 | |
| 96.153.2053.6 | |
| 96.153.2053.9 | |
| 96.153.2051.4 | |

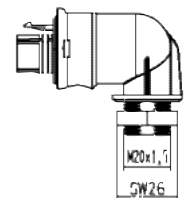
Male connector

Correct positioning guaranteed due to flattened thread. With locking device.

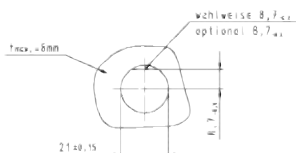
Fastening with screws from inside. 90° angle, M20 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3, 2, 1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1, 2, 3, 4, 5 | blue |
| 50V, LV, bus signals | | 1, 2, 3, 4, 5 | brown |

Part No.

with screw connection

| | |
|----------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.054.6053.0 | |
| 96.054.6053.1 | |
| 96.054.6053.6 | |
| 96.054.6053.9 | |
| 96.054.6051.4 | |

Part No.

with crimp connection (see Accessories)

| | |
|----------------|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M20 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.154.2053.0 | |
| 96.154.2053.1 | |
| 96.154.2053.6 | |
| 96.154.2053.9 | |
| 96.154.2051.4 | |

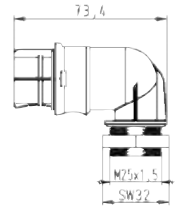
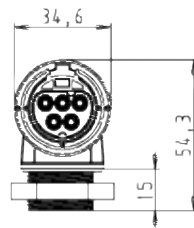
M 25 device connector, modular, angled

Female connector

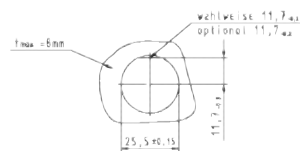
Correct positioning guaranteed due to flattened thread. Fastening with screws from inside. 90° angle, M25 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |

| | |
|---------------|--|
| 96.053.6253.0 | |
| 96.053.6253.1 | |
| 96.053.6253.6 | |
| 96.053.6253.9 | |
| 96.053.6251.4 | |

Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |

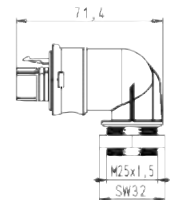
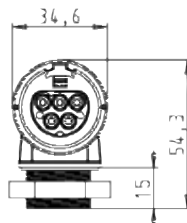
| | |
|---------------|--|
| 96.153.2253.0 | |
| 96.153.2253.1 | |
| 96.153.2253.6 | |
| 96.153.2253.9 | |
| 96.153.2251.4 | |

Male connector

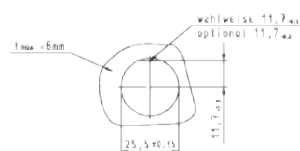
Correct positioning guaranteed due to flattened thread. With locking device. Fastening with screws from inside. 90° angle, M25 thread.

Crimp contacts separately available under Accessories

See the Technical Data for insulation strip lengths.



Application Coding Color



| | | | |
|----------------------|--|-----------------|------------|
| Power 250V/400V | | ⊕, N, 3,2,1 | gray black |
| Power 250V + dimming | | L, ⊕, N, D1, D2 | turquoise |
| Switch.func. 250 V | | 1,2, 3,4,5 | blue |
| 50V, LV, bus signals | | 1,2, 3,4,5 | brown |

Part No.

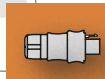
| with screw connection | |
|-----------------------|------------------|
| Wire | mm ² |
| rigid | |
| fine-stranded | 0.75 – 4.0 |
| stranded | without ferrules |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.054.6253.0 | |
| 96.054.6253.1 | |
| 96.054.6253.6 | |
| 96.054.6253.9 | |
| 96.054.6251.4 | |


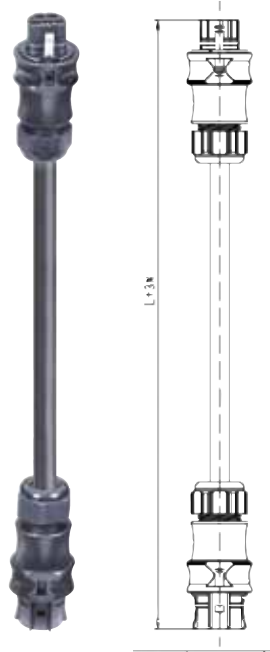
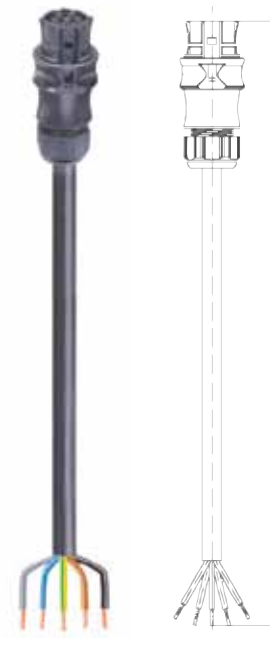
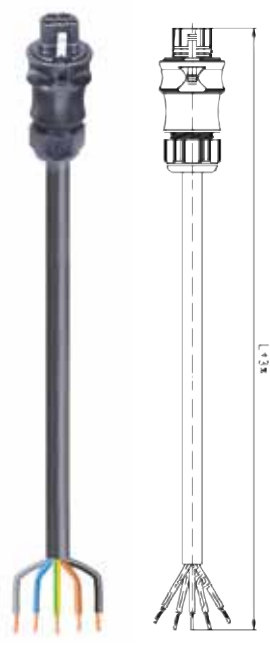




Part No.

| with crimp connection (see Accessories) | |
|---|-----------------|
| Wire | mm ² |
| fine-stranded | 0.75 – 4.0 |
| stranded | |
| Term. poles | 1 |
| Thread | M25 x 1.5 |
| Gland | inside |
| Locking device | yes |

| | |
|---------------|--|
| 96.154.2253.0 | |
| 96.154.2253.1 | |
| 96.154.2253.6 | |
| 96.154.2253.9 | |
| 96.154.2251.4 | |


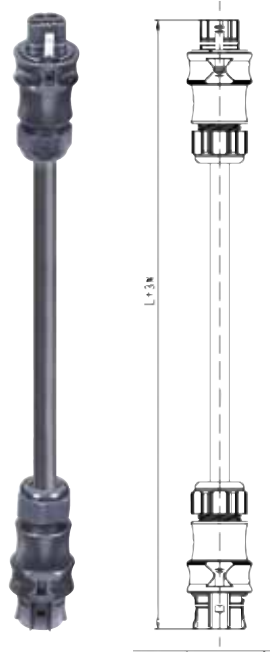
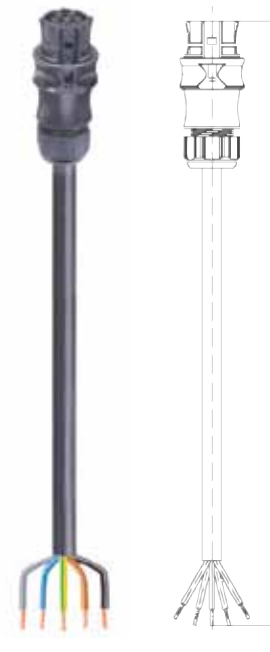
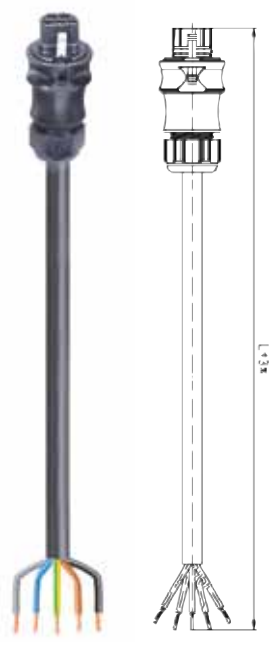






Cable assemblies 1.5 mm², 16A

| H05VV-F 5G1.5 containing halogen (PVC)  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  | |  | |  | |
|---|------------------------|--|---------------|---|---------------|---|--|
| | | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | Part No. | Part No. | |
| Power 250/400V 1, 2, 3, N, ⊕  | 1.0 | 96.452.1000.1 | 96.452.1003.1 | 96.452.1004.1 | 96.452.1000.1 | 96.452.1003.1 | |
| | 2.0 | 96.452.2000.1 | 96.452.2003.1 | 96.452.2004.1 | 96.452.2000.1 | 96.452.2003.1 | |
| | 3.0 | 96.452.3000.1 | 96.452.3003.1 | 96.452.3004.1 | 96.452.3000.1 | 96.452.3003.1 | |
| | 4.0 | 96.452.4000.1 | 96.452.4003.1 | 96.452.4004.1 | 96.452.4000.1 | 96.452.4003.1 | |
| | 5.0 | 96.452.5000.1 | 96.452.5003.1 | 96.452.5004.1 | 96.452.5000.1 | 96.452.5003.1 | |
| | 6.0 | 96.452.6000.1 | 96.452.6003.1 | 96.452.6004.1 | 96.452.6000.1 | 96.452.6003.1 | |
| | 7.0 | 96.452.7000.1 | 96.452.7003.1 | 96.452.7004.1 | 96.452.7000.1 | 96.452.7003.1 | |
| | 8.0 | 96.452.8000.1 | 96.452.8003.1 | 96.452.8004.1 | 96.452.8000.1 | 96.452.8003.1 | |
| Power 250V + Dimming L, ⊕, N, D1, D2  | 1.0 | 96.452.1000.6 | 96.452.1003.6 | 96.452.1004.6 | 96.452.1000.6 | 96.452.1003.6 | |
| | 2.0 | 96.452.2000.6 | 96.452.2003.6 | 96.452.2004.6 | 96.452.2000.6 | 96.452.2003.6 | |
| | 3.0 | 96.452.3000.6 | 96.452.3003.6 | 96.452.3004.6 | 96.452.3000.6 | 96.452.3003.6 | |
| | 4.0 | 96.452.4000.6 | 96.452.4003.6 | 96.452.4004.6 | 96.452.4000.6 | 96.452.4003.6 | |
| | 5.0 | 96.452.5000.6 | 96.452.5003.6 | 96.452.5004.6 | 96.452.5000.6 | 96.452.5003.6 | |
| | 6.0 | 96.452.6000.6 | 96.452.6003.6 | 96.452.6004.6 | 96.452.6000.6 | 96.452.6003.6 | |
| | 7.0 | 96.452.7000.6 | 96.452.7003.6 | 96.452.7004.6 | 96.452.7000.6 | 96.452.7003.6 | |
| | 8.0 | 96.452.8000.6 | 96.452.8003.6 | 96.452.8004.6 | 96.452.8000.6 | 96.452.8003.6 | |
| Switch.func. 250 V 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request | on request | on request | |
| | 2.0 | | | | | | |
| | 3.0 | | | | | | |
| | 4.0 | | | | | | |
| | 5.0 | | | | | | |
| | 6.0 | | | | | | |
| | 7.0 | | | | | | |
| | 8.0 | | | | | | |
| 50V, LV, bus signals 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request | on request | on request | |
| | 2.0 | | | | | | |
| | 3.0 | | | | | | |
| | 4.0 | | | | | | |
| | 5.0 | | | | | | |
| | 6.0 | | | | | | |
| | 7.0 | | | | | | |
| | 8.0 | | | | | | |


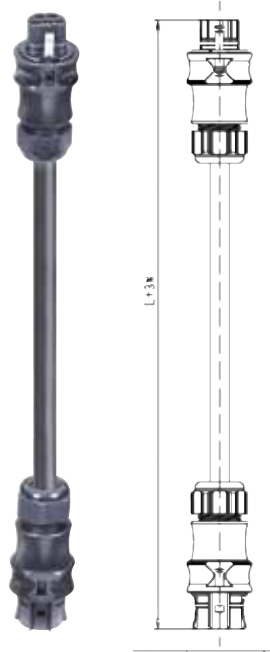
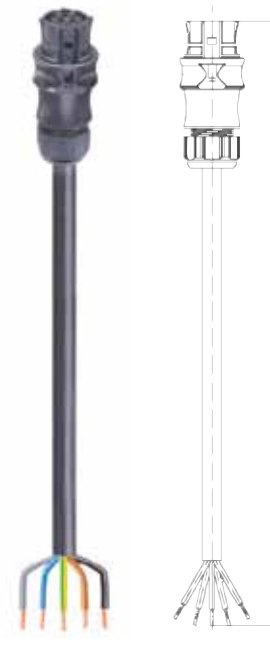
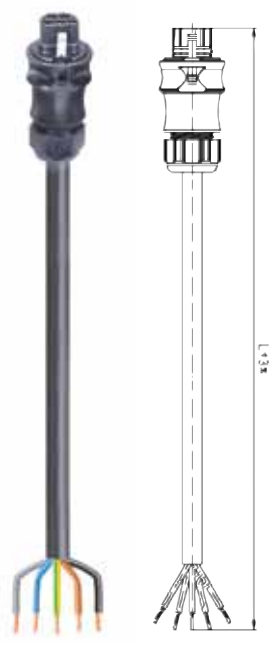
¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 1.5 mm², 16A

| H07RN-F 5G1.5 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  |  |  |
|---|------------------------|--|---|---|
| | | Female – Male Extension cable Locking device yes | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
| Power 250/400V 1, 2, 3, N, ⊕  | 1.0 | 96.452.1030.1 | 96.452.1033.1 | 96.452.1034.1 |
| | 2.0 | 96.452.2030.1 | 96.452.2033.1 | 96.452.2034.1 |
| | 3.0 | 96.452.3030.1 | 96.452.3033.1 | 96.452.3034.1 |
| | 4.0 | 96.452.4030.1 | 96.452.4033.1 | 96.452.4034.1 |
| | 5.0 | 96.452.5030.1 | 96.452.5033.1 | 96.452.5034.1 |
| | 6.0 | 96.452.6030.1 | 96.452.6033.1 | 96.452.6034.1 |
| | 7.0 | 96.452.7030.1 | 96.452.7033.1 | 96.452.7034.1 |
| | 8.0 | 96.452.8030.1 | 96.452.8033.1 | 96.452.8034.1 |
| Power 250V + Dimming L, ⊕, N, D1, D2  | 1.0 | 96.452.1030.6 | 96.452.1033.6 | 96.452.1034.6 |
| | 2.0 | 96.452.2030.6 | 96.452.2033.6 | 96.452.2034.6 |
| | 3.0 | 96.452.3030.6 | 96.452.3033.6 | 96.452.3034.6 |
| | 4.0 | 96.452.4030.6 | 96.452.4033.6 | 96.452.4034.6 |
| | 5.0 | 96.452.5030.6 | 96.452.5033.6 | 96.452.5034.6 |
| | 6.0 | 96.452.6030.6 | 96.452.6033.6 | 96.452.6034.6 |
| | 7.0 | 96.452.7030.6 | 96.452.7033.6 | 96.452.7034.6 |
| | 8.0 | 96.452.8030.6 | 96.452.8033.6 | 96.452.8034.6 |
| Switch.func. 250 V 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request |
| | 2.0 | | | |
| | 3.0 | | | |
| | 4.0 | | | |
| | 5.0 | | | |
| | 6.0 | | | |
| | 7.0 | | | |
| | 8.0 | | | |
| 50 V, LV, bus signals 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request |
| | 2.0 | | | |
| | 3.0 | | | |
| | 4.0 | | | |
| | 5.0 | | | |
| | 6.0 | | | |
| | 7.0 | | | |
| | 8.0 | | | |


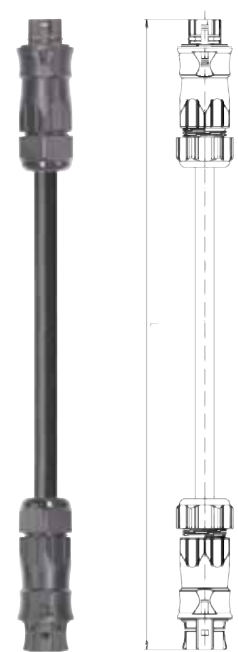
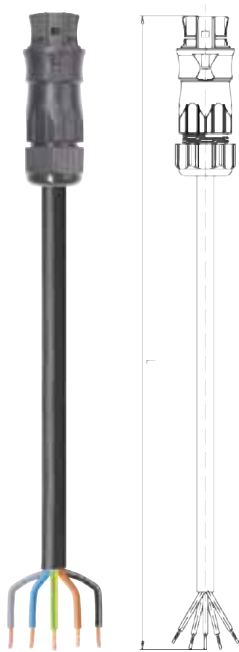
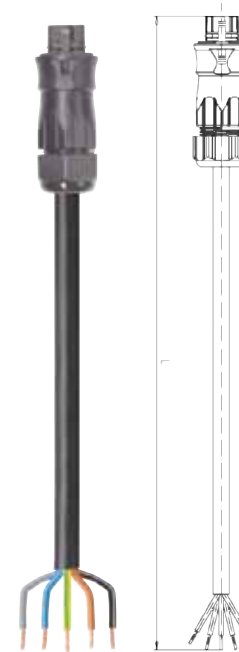




¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

| H05VV-F 5G2.5 containing halogen (PVC)  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  | |  | |  | |
|--|--|--|--|---|--|---|--|
| | | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| Application Length ²⁾ m | | Part No. | | Part No. | | Part No. | |
| Power 250/400V | | 96.453.1000.1 | | 96.453.1003.1 | | 96.453.1004.1 | |
| 2,0 | | 96.453.2000.1 | | 96.453.2003.1 | | 96.453.2004.1 | |
| 3,0 | | 96.453.3000.1 | | 96.453.3003.1 | | 96.453.3004.1 | |
| 1, 2, 3, N, ⊕ | | 96.453.4000.1 | | 96.453.4003.1 | | 96.453.4004.1 | |
| 4,0 | | 96.453.5000.1 | | 96.453.5003.1 | | 96.453.5004.1 | |
| 5,0 | | 96.453.6000.1 | | 96.453.6003.1 | | 96.453.6004.1 | |
| 6,0 | | 96.453.7000.1 | | 96.453.7003.1 | | 96.453.7004.1 | |
| 7,0 | | 96.453.8000.1 | | 96.453.8003.1 | | 96.453.8004.1 | |
| 8,0 | | | | | | | |
| Power 250V + Dimming | | 96.453.1000.6 | | 96.453.1003.6 | | 96.453.1004.6 | |
| 2,0 | | 96.453.2000.6 | | 96.453.2003.6 | | 96.453.2004.6 | |
| 3,0 | | 96.453.3000.6 | | 96.453.3003.6 | | 96.453.3004.6 | |
| L, ⊕, N, D1, D2 | | 96.453.4000.6 | | 96.453.4003.6 | | 96.453.4004.6 | |
| 4,0 | | 96.453.5000.6 | | 96.453.5003.6 | | 96.453.5004.6 | |
| 5,0 | | 96.453.6000.6 | | 96.453.6003.6 | | 96.453.6004.6 | |
| 6,0 | | 96.453.7000.6 | | 96.453.7003.6 | | 96.453.7004.6 | |
| 7,0 | | 96.453.8000.6 | | 96.453.8003.6 | | 96.453.8004.6 | |
| 8,0 | | | | | | | |
| Switch.func. 250 V | | on request | | on request | | on request | |
| 1, 2, 3, 4, 5 | | | | | | | |
| 3,0 | | | | | | | |
| 4,0 | | | | | | | |
| 5,0 | | | | | | | |
| 6,0 | | | | | | | |
| 7,0 | | | | | | | |
| 8,0 | | | | | | | |
| 50V, LV, bus signals | | on request | | on request | | on request | |
| 1, 2, 3, 4, 5 | | | | | | | |
| 3,0 | | | | | | | |
| 4,0 | | | | | | | |
| 5,0 | | | | | | | |
| 6,0 | | | | | | | |
| 7,0 | | | | | | | |
| 8,0 | | | | | | | |


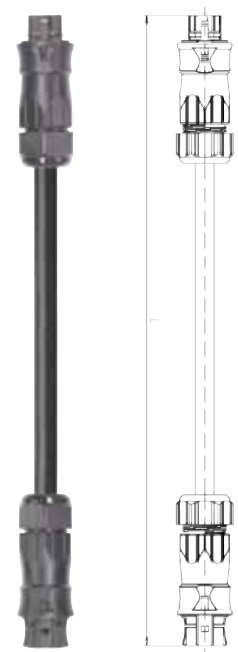
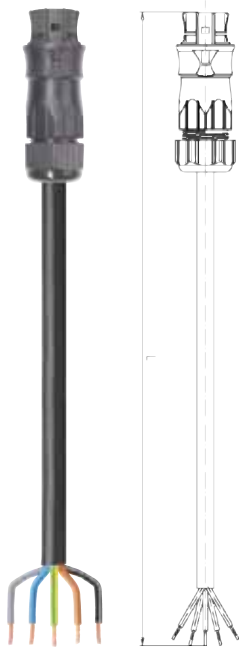
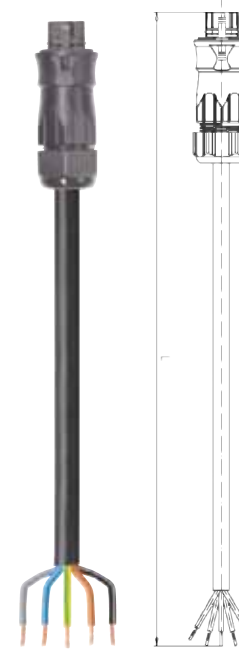




¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 2.5 mm², 20A

| H07RN-F 5G2.5 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  | |  | |  | |
|--|------------------------|--|---------------|--|----------|---|----------|
| | | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| Application | Length ²⁾ m | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. |
| Power 250/400V 1, 2, 3, N, ⊕  | 1.0 | 96.453.1030.1 | 96.453.1033.1 | 96.453.1034.1 | | | |
| | 2.0 | 96.453.2030.1 | 96.453.2033.1 | 96.453.2034.1 | | | |
| | 3.0 | 96.453.3030.1 | 96.453.3033.1 | 96.453.3034.1 | | | |
| | 4.0 | 96.453.4030.1 | 96.453.4033.1 | 96.453.4034.1 | | | |
| | 5.0 | 96.453.5030.1 | 96.453.5033.1 | 96.453.5034.1 | | | |
| | 6.0 | 96.453.6030.1 | 96.453.6033.1 | 96.453.6034.1 | | | |
| | 7.0 | 96.453.7030.1 | 96.453.7033.1 | 96.453.7034.1 | | | |
| | 8.0 | 96.453.8030.1 | 96.453.8033.1 | 96.453.8034.1 | | | |
| Power 250V + Dimming L, ⊕, N, D1, D2  | 1.0 | 96.453.1030.6 | 96.453.1033.6 | 96.453.1034.6 | | | |
| | 2.0 | 96.453.2030.6 | 96.453.2033.6 | 96.453.2034.6 | | | |
| | 3.0 | 96.453.3030.6 | 96.453.3033.6 | 96.453.3034.6 | | | |
| | 4.0 | 96.453.4030.6 | 96.453.4033.6 | 96.453.4034.6 | | | |
| | 5.0 | 96.453.5030.6 | 96.453.5033.6 | 96.453.5034.6 | | | |
| | 6.0 | 96.453.6030.6 | 96.453.6033.6 | 96.453.6034.6 | | | |
| | 7.0 | 96.453.7030.6 | 96.453.7033.6 | 96.453.7034.6 | | | |
| | 8.0 | 96.453.8030.6 | 96.453.8033.6 | 96.453.8034.6 | | | |
| Switch.func. 250 V 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request | | | |
| | 2.0 | | | | | | |
| | 3.0 | | | | | | |
| | 4.0 | | | | | | |
| | 5.0 | | | | | | |
| | 6.0 | | | | | | |
| | 7.0 | | | | | | |
| | 8.0 | | | | | | |
| 50V, LV, bus signals 1, 2, 3, 4, 5  | 1.0 | on request | on request | on request | | | |
| | 2.0 | | | | | | |
| | 3.0 | | | | | | |
| | 4.0 | | | | | | |
| | 5.0 | | | | | | |
| | 6.0 | | | | | | |
| | 7.0 | | | | | | |
| | 8.0 | | | | | | |


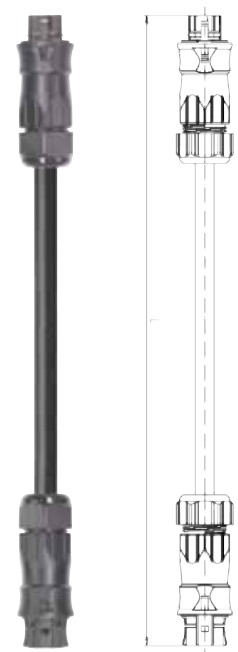
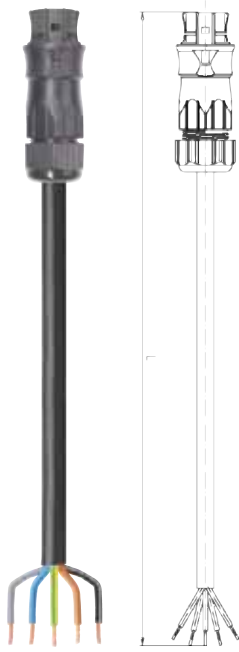
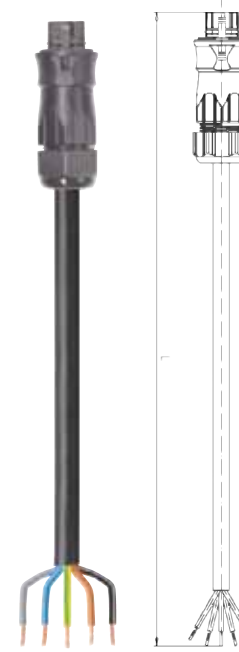




¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 4.0 mm², 20A

| H05VV-F 5G4.0 containing halogen (PVC)  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  | |  | |  | |
|---|------------------------|---|--|---|--|---|--|
| | | Female – Male Extension cable Locking device <input checked="" type="checkbox"/> yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device <input checked="" type="checkbox"/> yes | |
| Application | Length ²⁾ m | Part No. | | Part No. | | Part No. | |
| Power 250/400V 1, 2, 3, N, ⊕  | 1.0 | 96.454.1000.1 | | 96.454.1003.1 | | 96.454.1004.1 | |
| | 2.0 | 96.454.2000.1 | | 96.454.2003.1 | | 96.454.2004.1 | |
| | 3.0 | 96.454.3000.1 | | 96.454.3003.1 | | 96.454.3004.1 | |
| | 4.0 | 96.454.4000.1 | | 96.454.4003.1 | | 96.454.4004.1 | |
| | 5.0 | 96.454.5000.1 | | 96.454.5003.1 | | 96.454.5004.1 | |
| | 6.0 | 96.454.6000.1 | | 96.454.6003.1 | | 96.454.6004.1 | |
| | 7.0 | 96.454.7000.1 | | 96.454.7003.1 | | 96.454.7004.1 | |
| | 8.0 | 96.454.8000.1 | | 96.454.8003.1 | | 96.454.8004.1 | |
| Power 250V + Dimming L, ⊕, N, D1, D2  | 1.0 | 96.454.1000.6 | | 96.454.1003.6 | | 96.454.1004.6 | |
| | 2.0 | 96.454.2000.6 | | 96.454.2003.6 | | 96.454.2004.6 | |
| | 3.0 | 96.454.3000.6 | | 96.454.3003.6 | | 96.454.3004.6 | |
| | 4.0 | 96.454.4000.6 | | 96.454.4003.6 | | 96.454.4004.6 | |
| | 5.0 | 96.454.5000.6 | | 96.454.5003.6 | | 96.454.5004.6 | |
| | 6.0 | 96.454.6000.6 | | 96.454.6003.6 | | 96.454.6004.6 | |
| | 7.0 | 96.454.7000.6 | | 96.454.7003.6 | | 96.454.7004.6 | |
| | 8.0 | 96.454.8000.6 | | 96.454.8003.6 | | 96.454.8004.6 | |
| Switch.func. 250 V 1, 2, 3, 4, 5  | 1.0 | on request | | on request | | on request | |
| | 2.0 | on request | | on request | | on request | |
| | 3.0 | on request | | on request | | on request | |
| | 4.0 | on request | | on request | | on request | |
| | 5.0 | on request | | on request | | on request | |
| | 6.0 | on request | | on request | | on request | |
| | 7.0 | on request | | on request | | on request | |
| | 8.0 | on request | | on request | | on request | |
| 50V, LV, bus signals 1, 2, 3, 4, 5  | 1.0 | on request | | on request | | on request | |
| | 2.0 | on request | | on request | | on request | |
| | 3.0 | on request | | on request | | on request | |
| | 4.0 | on request | | on request | | on request | |
| | 5.0 | on request | | on request | | on request | |
| | 6.0 | on request | | on request | | on request | |
| | 7.0 | on request | | on request | | on request | |
| | 8.0 | on request | | on request | | on request | |


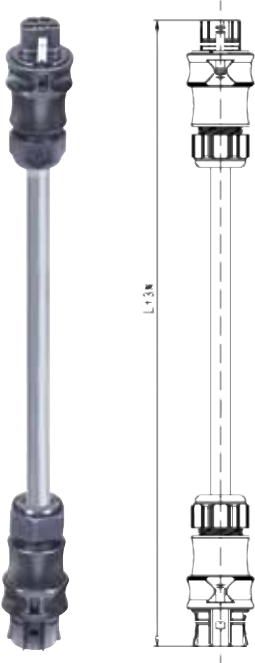
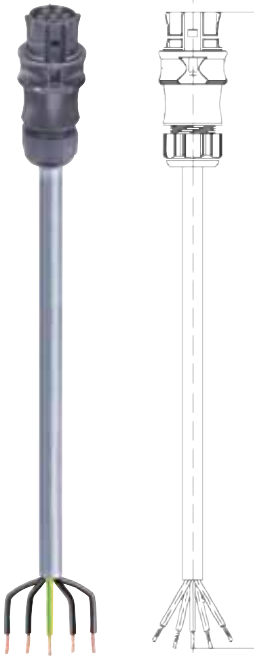
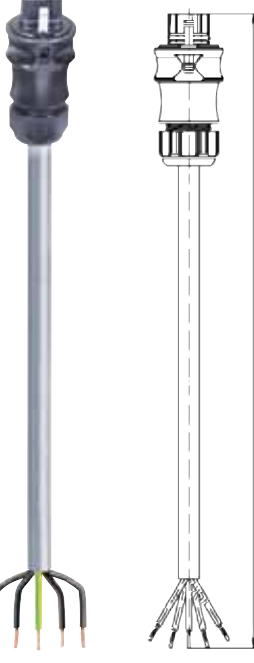
¹⁾ Other cables available on request
²⁾ Other lengths available on request

Cable assemblies 4.0 mm², 20A

| H07RN-F 5G4.0 Insulating rubber compound  Power 250/400V: ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY Power 250V + Dimming: ⊕ = GN/YE N = BU L = BN D2 = BK D1 = GY Cable ¹⁾ : black Connector in black Screw technology | |  | |  | |  | |
|--|--|--|--|---|--|---|--|
| | | Female – Male Extension cable Locking device yes | | Female – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm | | Male – Free end Connection cable Wire ends ultrason. welded Sheath strip length 35 mm Insul. strip length 9 mm Locking device yes | |
| Application Length ²⁾ m | | Part No. | | Part No. | | Part No. | |
| Power 250/400V | | 96.454.1030.1 | | 96.454.1033.1 | | 96.454.1034.1 | |
| 1, 2, 3, N, ⊕ | | 96.454.2030.1 | | 96.454.2033.1 | | 96.454.2034.1 | |
|  | | 96.454.3030.1 | | 96.454.3033.1 | | 96.454.3034.1 | |
| 5.0 | | 96.454.4030.1 | | 96.454.4033.1 | | 96.454.4034.1 | |
| 6.0 | | 96.454.5030.1 | | 96.454.5033.1 | | 96.454.5034.1 | |
| 7.0 | | 96.454.6030.1 | | 96.454.6033.1 | | 96.454.6034.1 | |
| 8.0 | | 96.454.7030.1 | | 96.454.7033.1 | | 96.454.7034.1 | |
| 8.0 | | 96.454.8030.1 | | 96.454.8033.1 | | 96.454.8034.1 | |
| Power 250V + Dimming | | 96.454.1030.6 | | 96.454.1033.6 | | 96.454.1034.6 | |
| L, ⊕, N, D1, D2 | | 96.454.2030.6 | | 96.454.2033.6 | | 96.454.2034.6 | |
|  | | 96.454.3030.6 | | 96.454.3033.6 | | 96.454.3034.6 | |
| 5.0 | | 96.454.4030.6 | | 96.454.4033.6 | | 96.454.4034.6 | |
| 6.0 | | 96.454.5030.6 | | 96.454.5033.6 | | 96.454.5034.6 | |
| 7.0 | | 96.454.6030.6 | | 96.454.6033.6 | | 96.454.6034.6 | |
| 8.0 | | 96.454.7030.6 | | 96.454.7033.6 | | 96.454.7034.6 | |
| 8.0 | | 96.454.8030.6 | | 96.454.8033.6 | | 96.454.8034.6 | |
| Switch.func. 250 V | | on request | | on request | | on request | |
| 1, 2, 3, 4, 5 | | | | | | | |
|  | | | | | | | |
| 5.0 | | | | | | | |
| 6.0 | | | | | | | |
| 7.0 | | | | | | | |
| 8.0 | | | | | | | |
| 50V, LV, bus signals | | on request | | on request | | on request | |
| 1, 2, 3, 4, 5 | | | | | | | |
|  | | | | | | | |
| 5.0 | | | | | | | |
| 6.0 | | | | | | | |
| 7.0 | | | | | | | |
| 8.0 | | | | | | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request


Cable assemblies 2.5 mm², 20 A, Power 5 pole

| <p>Oelflex Classic 110 5G2.5</p> <p>containing halogen (PVC)</p>  <p>Power 250/400 V: ⊕ = GN/YE N = BK4 1 = BK1 2 = BK2 3 = BK3</p> <p>Cable¹⁾: gray Connector in black</p> <p>Screw technology</p> <table border="1"> <thead> <tr> <th>Application</th> <th>Length²⁾ m</th> <th>Part No.</th> </tr> </thead> <tbody> <tr><td>Power</td><td>1.0</td><td>96.453.1080.1</td></tr> <tr><td>250/400V</td><td>2.0</td><td>96.453.2080.1</td></tr> <tr><td>1, 2, 3, N, ⊕</td><td>3.0</td><td>96.453.3080.1</td></tr> <tr><td></td><td>4.0</td><td>96.453.4080.1</td></tr> <tr><td></td><td>5.0</td><td>96.453.5080.1</td></tr> <tr><td></td><td>6.0</td><td>96.453.6080.1</td></tr> <tr><td></td><td>7.0</td><td>96.453.7080.1</td></tr> <tr><td></td><td>8.0</td><td>96.453.8080.1</td></tr> </tbody> </table> | Application | Length ²⁾ m | Part No. | Power | 1.0 | 96.453.1080.1 | 250/400V | 2.0 | 96.453.2080.1 | 1, 2, 3, N, ⊕ | 3.0 | 96.453.3080.1 | | 4.0 | 96.453.4080.1 | | 5.0 | 96.453.5080.1 | | 6.0 | 96.453.6080.1 | | 7.0 | 96.453.7080.1 | | 8.0 | 96.453.8080.1 |  <p>Female - Male</p> <table border="1"> <tr><td>Extension cable</td><td></td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | Extension cable | | Locking device | yes |  <p>Female - Free end</p> <table border="1"> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> </table> | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm |  <p>Male - Free end</p> <table border="1"> <tr><td>Connection cable</td><td></td></tr> <tr><td>Wire ends</td><td>ultrason. welded</td></tr> <tr><td>Sheath strip length</td><td>35 mm</td></tr> <tr><td>Insul. strip length</td><td>9 mm</td></tr> <tr><td>Locking device</td><td>yes</td></tr> </table> | Connection cable | | Wire ends | ultrason. welded | Sheath strip length | 35 mm | Insul. strip length | 9 mm | Locking device | yes |
|---|------------------------|------------------------|----------|-------|-----|---------------|----------|-----|---------------|---------------|-----|---------------|--|-----|---------------|--|-----|---------------|--|-----|---------------|--|-----|---------------|--|-----|---------------|--|-----------------|--|----------------|-----|---|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|---|------------------|--|-----------|------------------|---------------------|-------|---------------------|------|----------------|-----|
| Application | Length ²⁾ m | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power | 1.0 | 96.453.1080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250/400V | 2.0 | 96.453.2080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1, 2, 3, N, ⊕ | 3.0 | 96.453.3080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.0 | 96.453.4080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.0 | 96.453.5080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6.0 | 96.453.6080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.0 | 96.453.7080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8.0 | 96.453.8080.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Extension cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection cable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire ends | ultrason. welded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheath strip length | 35 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insul. strip length | 9 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locking device | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹⁾ Other cables available on request
²⁾ Other lengths available on request



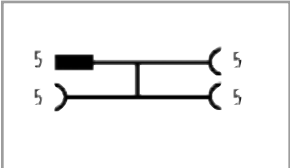
Distribution unit




| Name | Color | Part No. |
|---------------------------------|-------|---------------|
| Distribution unit 5 pole | gray | on request |
| | black | 96.050.0153.1 |

| | |
|---------------------------------|-----------------------------|
| Dimensions (W x L x H) | 104 x 162 x 57.2 mm |
| Input | 1 |
| Outputs | 3 |
| Routing 3 outputs 230/400V, 20A | RST 20i5 coding color black |
| Prewired with | 2.5 mm ² |
| Fastening options | yes |

Circuit diagram





| Name | Color | Part No. |
|------------------------------------|-------|------------|
| RST multi-distribution unit | black | on request |

Detailed information about the distribution units available in section "Distribution units".

| | |
|-------------------------|----------------------------------|
| Dimensions (W x L x H) | 104 x 162 x 96 mm |
| Fitted as required with | M25 device connectors 2 – 5-pole |
| Input | 1 |
| Outputs | 7 (max.) |
| Prewired with | 2.5 mm ² |
| Fuses | 6.3 or 10A can be integrated |

Accessories

Female connector
4 to 5 pole



| Color | Part No. | Part No. |
|-------|---------------------------------|-----------------------------|
| gray | not captive against loss | captive against loss |
| | Pole | 4 to 5 pole |
| black | Safe locking device | unused male connectors |
| | Safe locking device | unused male connectors |
| gray | 05.565.9953.0 | 99.531.0000.7 |
| black | 05.565.9953.1 | 99.532.0000.7 |

Male connector
4 to 5 pole



| Color | Part No. | Part No. |
|-------|---------------------------------|-----------------------------|
| gray | not captive against loss | captive against loss |
| | Pole | 4 to 5 pole |
| black | Safe locking device | unused female connectors |
| | Safe locking device | unused female connectors |
| gray | Z5.565.9853.0 | 99.529.0000.7 |
| black | Z5.565.9853.1 | 99.530.0000.7 |

Accessories

| Crimp contacts* Female contacts | Name | | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------|----------------------------------|-------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 | – 1.0 | 02.125.5521.8 | 100 |
| | Crimp contact | 1 | 1.5 | | 02.125.5621.8 | 100 |
| | Crimp contact | 2 | 2.5 | | 02.125.5721.8 | 100 |
| | Crimp contact | 3 | 4.0 | | 02.125.5821.8 | 100 |

* Available on straps or in magazines on request



| Crimp contacts* Male contacts | Name | | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------|----------------------------------|-------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 | – 1.0 | 05.545.0021.8 | 100 |
| | Crimp contact | 1 | 1.5 | | 05.545.0121.8 | 100 |
| | Crimp contact | 2 | 2.5 | | 05.545.0221.8 | 100 |
| | Crimp contact | 3 | 4.0 | | 05.545.0321.8 | 100 |

* Available on straps or in magazines on request



| Crimping tool | Name | | Part No. |
|----------------------|---------------------------------------|--|---------------|
| | Crimping tool incl. system kit | | 95.101.0800.0 |
| | Crimping die B | | 05.502.2100.0 |
| | Contact positioner | | 05.502.3600.0 |



| Unlocking tool for crimp contacts | Name | | Part No. |
|---|-----------------------|--|---------------|
| | Unlocking tool | | 05.502.3500.0 |



RST 25i5



Solar applications up to 25 A for single-phase supply with three-phase power monitoring or three-phase supply

Application example



General

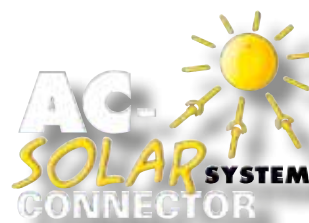
The system is specially adapted to the requirements of solar technology. The connectors can be loaded with 25A on two contacts (L, N). They are used for single-phase supply with three-phase monitoring. Special distribution boxes are used to bundle the electrical power of up to 6 inverters and thus complete the system.

These connectors have their own mechanical coding.

This means that only associated pairs of male and female can be connected with the correct polarity. This ensures a clear separation from the connectors of the other product series.

Features:

- Fast mounting through easy handling
- UV-resistant
- Rated current up to 25 A
- Cross-sections up to 4 mm²
- Degree of protection IP65 ... IP68 (on request)

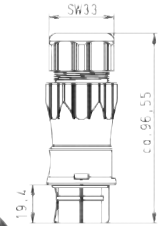
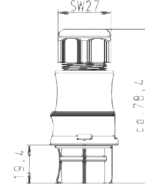



Coding

| | | | | | Application | 3-phase monitoring 250/400V, 25 A |
|-------------------|--|------------------|-----------------------|----------------------------|-------------------|--------------------------------------|
| | | | | | Mechanical coding | L, N, ⊕, 1, 2 |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | concrete gray | |
| Connectors | 1 x cable entry | Screw | yes | 1 | | |
| Distribution unit | Distribution box RST RAN Solar Distribution box RST Solar | | | | | |
| Device connectors | M25 device connector, standard | | | | | |
| Cable assemblies | Connection cable Male – Free end | | | | | |
| | Female – Free end | pre-assembled | pre-assembled | pre-assembled | | |
| | Extension cable Male – Female | | | | | |

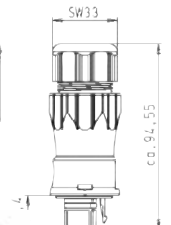
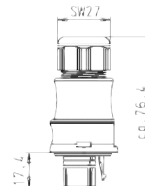
Connectors, 25 A


Female connector



| Application | Coding | Color | Part No. | Part No. |
|--------------------------------------|--|----------------------------|---|------------------|
| 3-phase supply 250/400 V, 25 A |  | concrete gray/ black | Screw technology for cable Ø 10 –14 mm | |
| | | | Screw technology for cable Ø 13 –18 mm | |
| | | | Wire | mm ² |
| | | | solid | |
| | | | fine-stranded | up to 4.0 |
| | | | | without ferrules |
| | | | 96.051.4154.3 | 96.051.4554.3 |

Male connector

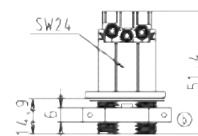
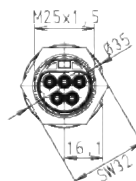


| Application | Coding | Cable diameter in mm | Color | Part No. | Part No. |
|--------------------------------------|---|----------------------|---|------------------|----------|
| 3-phase supply 250/400 V, 25 A |  | | Screw technology for cable Ø 10 –14 mm | | |
| | | | Screw technology for cable Ø 13 –18 mm | | |
| | | | Wire | mm ² | |
| | | | solid | | |
| | | | fine-stranded | up to 4.0 | |
| | | | | without ferrules | |
| | | | 96.052.4154.3 | 96.052.4554.3 | |

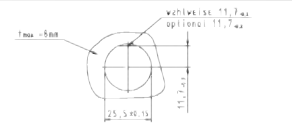
M 25 device connector, 25 A

Female connector with sealing option

For spacer rings for unlocking at the device connector, see Accessories.



Application Coding Color



3-phase supply
250/400 V,
25 A



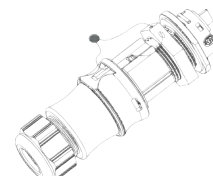
concrete
gray/
black

Part No.

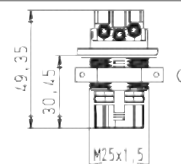
Screw technology

| | | |
|---------------|-----------------|------------------|
| Wire | mm ² | |
| solid | | |
| fine-stranded | up to 4.0 | without ferrules |

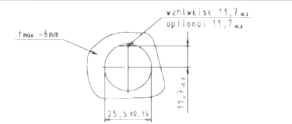
96.051.5054.3



Male connector with sealing option



Application Coding Color



3-phase supply
250/400 V,
25 A



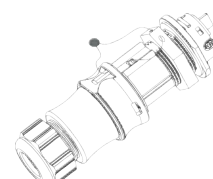
concrete
gray/
black

Part No.

Screw technology

| | | |
|---------------|-----------------|------------------|
| Wire | mm ² | |
| solid | | |
| fine-stranded | up to 4.0 | without ferrules |

96.052.5054.3



Distribution unit

Distribution box RST RAN Solar



Name Material Part No.

RST RAN Solar Sheet metal/
powder-coated 99.527.0000.7

Detailed information about the distribution units available in section "Distribution units".

| | |
|------------------------------|------------------------------------|
| Inputs | 6 x RST25i5 / concrete gray coding |
| Cable gland | 1 x M40, 2 x M20 |
| Connector clamps | 5 x 35 mm ² |
| Circuit breakers | 6 x B25 |
| Dimensions in mm (L x W x H) | 350 x 300 x 100 mm |

Distribution box RST Solar



Distribution box RST Solar Plastic 99.528.0000.7

Detailed information about the distribution units available in section "Distribution units".

| | |
|------------------------------|----------------------------------|
| Inputs | 3 RST25i5 / concrete gray coding |
| Cable gland | 1 x M32, 2 x M20 |
| Connector clamps | 5 x 10 mm ² |
| Dimensions in mm (L x W x H) | 180 x 180 x 90 mm |



Cable assemblies 4.0 mm², 25 A

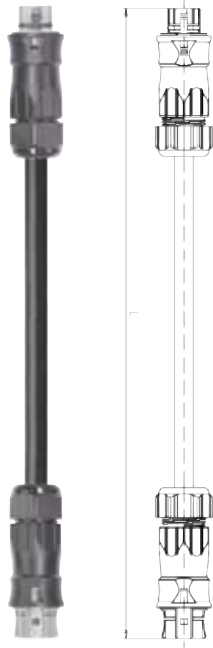
H05VV-F 5G4.0¹⁾



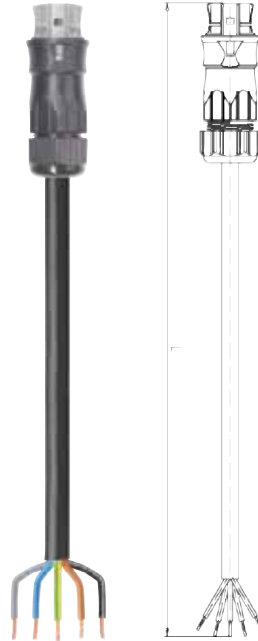
N = BU
L = GY
⊕ = GN/YE
1 = BN
2 = BK

The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.

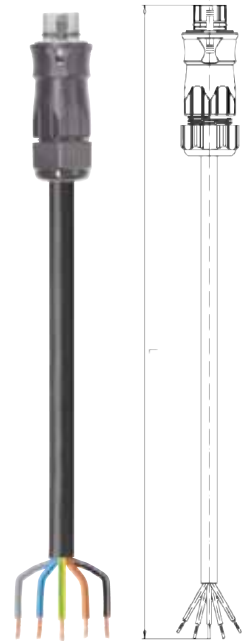
Cable: black
Coding: concrete gray/black



| Female – Male | |
|-----------------|-----|
| Extension cable | |
| Locking device | yes |



| Female – Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Cable diameter | 13.0 – 16.1 mm |
| H05VV-F ²⁾ | |



| Male – Free end | |
|-----------------------|------------------|
| Connection cable | |
| Wire ends | ultrason. welded |
| Sheath strip length | 35 mm |
| Insul. strip length | 9 mm |
| Locking device | yes |
| Cable diameter | 13.0 – 16.1 mm |
| H05VV-F ²⁾ | |

| Application | Length ²⁾ m | Part No. | Part No. | Part No. |
|-----------------|------------------------|---------------|---------------|---------------|
| 3-phase supply | 1.0 | 96.854.1000.3 | 96.854.1003.3 | 96.854.1004.3 |
| | 1.5 | 96.854.1500.3 | 96.854.1503.3 | 96.854.1504.3 |
| 250/400 V, 25 A | 2.0 | 96.854.2000.3 | 96.854.2003.3 | 96.854.2004.3 |
| | 2.5 | 96.854.2500.3 | 96.854.2503.3 | 96.854.2504.3 |
| | 3.0 | 96.854.3000.3 | 96.854.3003.3 | 96.854.3004.3 |
| L, N, ⊕, 1, 2 | 3.5 | 96.854.3500.3 | 96.854.3503.3 | 96.854.3504.3 |
| | 4.0 | 96.854.4000.3 | 96.854.4003.3 | 96.854.4004.3 |



Cable assemblies 4.0 mm², 25 A

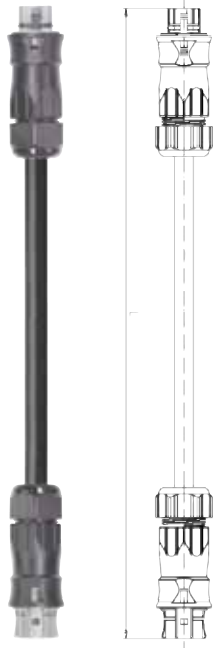
H07RN-F 5G4.0¹⁾



N = BU
L = GY
⊕ = GN/YE
1 = BN
2 = BK

The cable colors have been adapted to the new European standard HD 208 S2. The assignment corresponds to international recommendations.

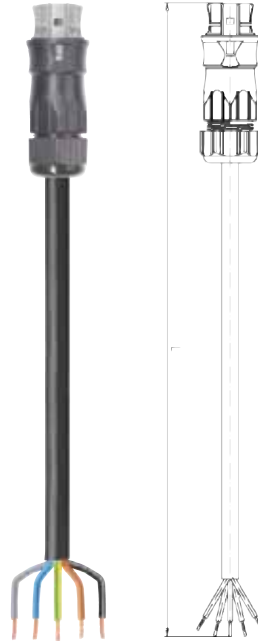
Cable: black
Coding: concrete gray/black



Female - Male

Extension cable

Locking device yes



Female - Free end

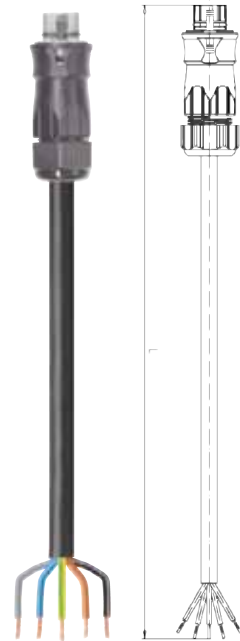
Connection cable

Wire ends ultrason. welded

Sheath strip length 35 mm

Insul. strip length 9 mm

Cable diameter H07RN-F²⁾ 15.6 – 19.9 mm



Male - Free end

Connection cable

Wire ends ultrason. welded

Sheath strip length 35 mm

Insul. strip length 9 mm

Locking device yes

Cable diameter H07RN-F³⁾ 15.6 – 19.9 mm

| Application | Length ²⁾ m | Part No. |
|-----------------|------------------------|---------------|
| 3-phase supply | 1.0 | 96.854.1030.3 |
| | 1.5 | 96.854.1530.3 |
| 250/400 V, 25 A | 2.0 | 96.854.2030.3 |
| | 2.5 | 96.854.2530.3 |
| | 3.0 | 96.854.3030.3 |
| L, N, ⊕, 1, 2 | 3.5 | 96.854.3530.3 |
| | 4.0 | 96.854.4030.3 |

| Part No. |
|---------------|
| 96.854.1033.3 |
| 96.854.1533.3 |
| 96.854.2033.3 |
| 96.854.2533.3 |
| 96.854.3033.3 |
| 96.854.3533.3 |
| 96.854.4033.3 |

| Part No. |
|---------------|
| 96.854.1034.3 |
| 96.854.1534.3 |
| 96.854.2034.3 |
| 96.854.2534.3 |
| 96.854.3034.3 |
| 96.854.3534.3 |
| 96.854.4034.3 |



¹⁾ Other cables available on request

²⁾ Other lengths available on request

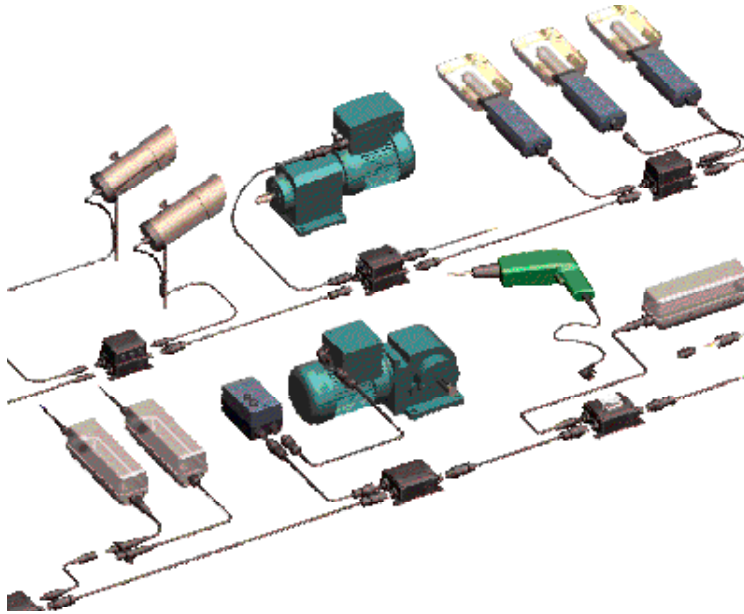
³⁾ According to VDE 0281/T5 and VDE 0288/T4

Distribution units



For use in rough environments

Application example



General

The pluggable distribution units play a major role in power distribution. In their simplest function, they merely have to provide branches in the required locations. Practice shows, however, that the requirements may be much more complex.

Examples can be found in AC and DC wiring through distribution units with fine fuses up to boxes with integrated safety outlets or switches.

Two housing variations are the basis: a low-profile design with up to four slots, and a high-profile design with a total of up to eight slots.

Unused slots are closed during production.



Compact and multi-distribution units

Flexibility according to the modular RST principle

The highest level of flexibility!

Two housing variations are the basis: a flat design with up to four slots, and a high design with a total of up to eight slots. Unused slots are closed during production.

The distribution units are equipped individually using M25 device connectors.







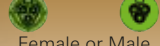

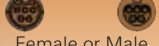
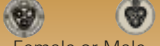


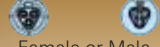

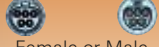

These are available in various pole configurations, with mechanical coding and designs; they are customized using 2.5 mm² wires. Larger cross sections are available upon request.

Overview of the standard components:

Depending on the application, you can choose among 15 codings.

Mechanically coded means that only the matching male and female connectors can be plugged together. Thus you can be sure that your different applications are clearly distinguished – without having to rework incorrect connections.

The connector colors signal the matching connections. The standard power coding is an exception. Here you can select between black and gray. These are compatible with one another.

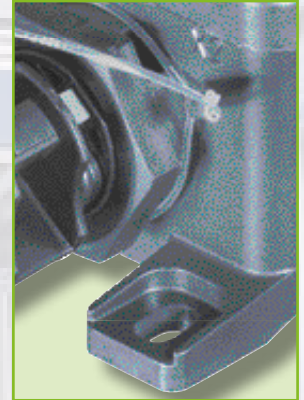
| RST 20i2 | RST 20i3 | RST 25i3 | RST 20i4 | RST 20i5 | RST 25i5 | |
|---|---|---|---|--|--|--|
| Spring clamp Screw  Female or Male Protection class II Pole designation L, N Coding: black, gray | Spring clamp Screw  Female or Male Power 250V Pole designation L, N, ⊕ Coding: black, gray | Screw Female or Male Single-phase supply (ENS) Pole designation L, N, ⊕ Coding: concrete gray | Crimping Screw  Female or Male Power 250/400V Pole designation ⊕, 1, 2, 3 Coding: black, gray | Spring clamp Screw  Female or Male Power 250/400V Pole designation ⊕, N, 3, 2, 1 Coding: black, gray | Screw  Female or Male Single-phase infeed with 3-phase monitoring or 3-phase infeed with 3-phase monitoring Pole designation L, N, ⊕, 1, 2 Coding: concrete gray | |
| Spring clamp Screw  Female or Male LV, signals bus 50V Pole designation 1, 2 Coding: brown |  Female or Male Power 250/400V Pole designation 1, 2, ⊕ Coding: green | | | Crimping Screw  Female or Male AS-i / 24V Pole designation 1, 2, 3, 4 Coding: brown | Spring clamp Screw  Female or Male LV, signals, bus, 50V Pole designation 1, 2, 3, 4, 5 Coding: brown | |
| Spring clamp Screw  Female or Male AS-i Pole designation +, - Coding: pebble gray | Spring clamp Screw  Female or Male LV, signals, bus, 50V Pole designation 1, 2, ⊕ Coding: brown | | | Spring clamp Screw  Female or Male Power 250V + dimming Pole designation L, N, ⊕, D1, D2 Coding: turquoise | | |
| | Spring clamp Screw  Female or Male Switch function 230V Pole designation 1, 2, 3 Coding: light blue |  | | Spring clamp Screw  Female or Male Power 250V + dimming Pole designation 1, 2, 3, 4, 5 Coding: blue |  | |



Mounting

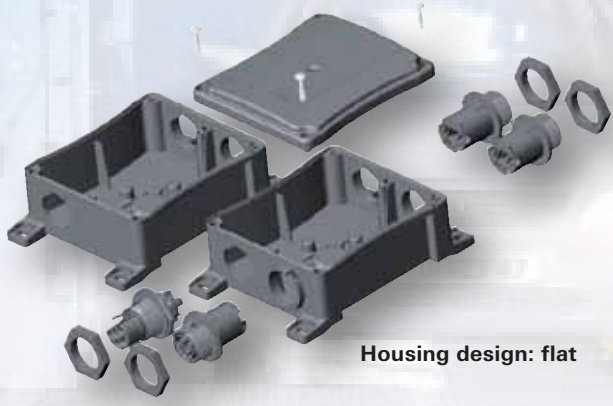
Four fixing clips on the outside ensure easy installation and safe fixation.

At the bottom, there are also fixing holes for attachment of a special mounting plate.



Unlocking

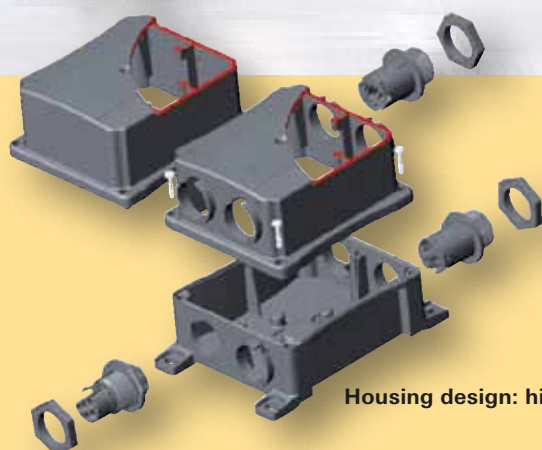
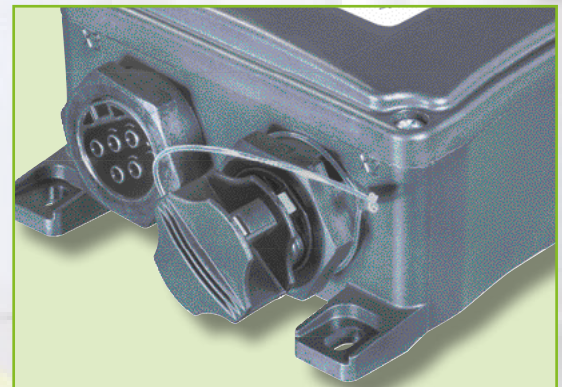
All pluggable connections are protected against accidental loosening. This is guaranteed by a locking facility integrated during production. On plug-in, the locking facility latches with an audible click. The connection is released using a screwdriver.



Housing design: flat

Cover pieces

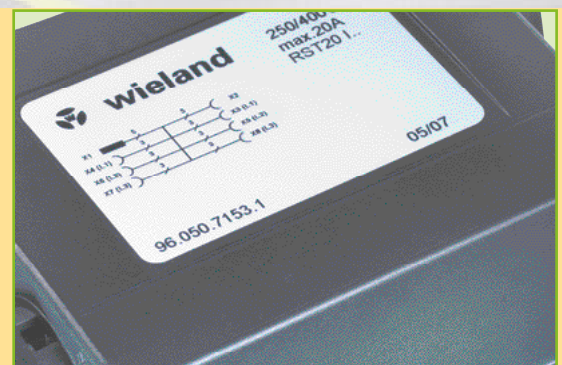
Cover pieces are required for safely covering unused outputs. These are available either with or without protection against loss.




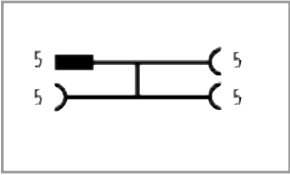






Housing design: high

Circuit diagram


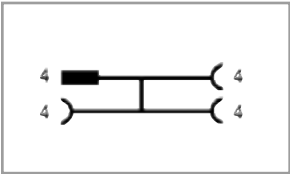
A circuit diagram on the housing cover provides information about the internal wiring. The outputs are numbered from X1 to X8.



Compact distribution units with max. 4 slots








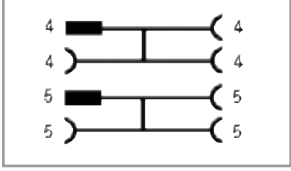
| <p>RST compact distribution unit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Distribution unit 5 pole</td> <td>gray</td> <td>aon request</td> </tr> <tr> <td></td> <td>black</td> <td>96.050.0153.1</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 57.2 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>3</td> </tr> <tr> <td>Routing 3 outputs 230/400V, 20A</td> <td>RST20i5 coding color black</td> </tr> <tr> <td>pre-wired with</td> <td>2.5 mm²</td> </tr> <tr> <td>Fastening option</td> <td>yes</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Distribution unit 5 pole | gray | aon request | | black | 96.050.0153.1 | Dimensions (L x W x H) | 104 x 162 x 57.2 mm | Input | 1 | Outputs | 3 | Routing 3 outputs 230/400V, 20A | RST20i5 coding color black | pre-wired with | 2.5 mm ² | Fastening option | yes | | | | | | | | |
|---|--|---------------|-------|----------|---------------------------------|------|-------------|--|----------|---------------|------------------------|---------------------|---------------|---|-----------------------|----------------------------|---------------------------------|----------------------------|---------------------|----------------------------|------------------|---------------------|--------------------------------|----------------------------|----------------------------|----------------------------|----------------|---------------------|------------------|-----|
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distribution unit 5 pole | gray | aon request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | black | 96.050.0153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 57.2 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Routing 3 outputs 230/400V, 20A | RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pre-wired with | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fastening option | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RST compact distribution unit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Distribution unit 5 pole</td> <td>gray</td> <td>on request</td> </tr> <tr> <td></td> <td>black</td> <td>96.050.1153.1</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 57.2 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>2</td> </tr> <tr> <td>Routing 2 outputs 230/400V, 20A</td> <td>RST20i5 coding color black</td> </tr> <tr> <td>pre-wired with</td> <td>2.5 mm²</td> </tr> <tr> <td>Fastening option</td> <td>yes</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Distribution unit 5 pole | gray | on request | | black | 96.050.1153.1 | Dimensions (L x W x H) | 104 x 162 x 57.2 mm | Input | 1 | Outputs | 2 | Routing 2 outputs 230/400V, 20A | RST20i5 coding color black | pre-wired with | 2.5 mm ² | Fastening option | yes | | | | | | | | |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distribution unit 5 pole | gray | on request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | black | 96.050.1153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 57.2 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Routing 2 outputs 230/400V, 20A | RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pre-wired with | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fastening option | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RST compact distribution unit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Distribution unit 5 pole</td> <td>gray</td> <td>on request</td> </tr> <tr> <td></td> <td>L1 black</td> <td>96.050.3153.1</td> </tr> <tr> <td></td> <td>L2 black</td> <td>96.050.4153.1</td> </tr> <tr> <td></td> <td>L3 black</td> <td>96.050.5153.1</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 57.2 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>2</td> </tr> <tr> <td>Routing 1 output 230/400V, 20A</td> <td>RST20i5 coding color black</td> </tr> <tr> <td>Routing 2 output 230V, 20A</td> <td>RST20i3 coding color black</td> </tr> <tr> <td>pre-wired with</td> <td>2.5 mm²</td> </tr> <tr> <td>Fastening option</td> <td>yes</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Distribution unit 5 pole | gray | on request | | L1 black | 96.050.3153.1 | | L2 black | 96.050.4153.1 | | L3 black | 96.050.5153.1 | Dimensions (L x W x H) | 104 x 162 x 57.2 mm | Input | 1 | Outputs | 2 | Routing 1 output 230/400V, 20A | RST20i5 coding color black | Routing 2 output 230V, 20A | RST20i3 coding color black | pre-wired with | 2.5 mm ² | Fastening option | yes |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distribution unit 5 pole | gray | on request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | L1 black | 96.050.3153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | L2 black | 96.050.4153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | L3 black | 96.050.5153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 57.2 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Routing 1 output 230/400V, 20A | RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Routing 2 output 230V, 20A | RST20i3 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pre-wired with | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fastening option | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RST compact distribution unit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Distribution unit 5 pole</td> <td>gray</td> <td>aon request</td> </tr> <tr> <td></td> <td>black</td> <td>96.050.6153.1</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 57.2 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>1 Input 230/400V, 20A</td> <td>RST20i5 coding color black</td> </tr> <tr> <td>Outputs</td> <td>3, L1, L2, L3</td> </tr> <tr> <td>3 Outputs 230V, 20A</td> <td>RST20i3 coding color black</td> </tr> <tr> <td>pre-wired with</td> <td>2.5 mm²</td> </tr> <tr> <td>Fastening option</td> <td>yes</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Distribution unit 5 pole | gray | aon request | | black | 96.050.6153.1 | Dimensions (L x W x H) | 104 x 162 x 57.2 mm | Input | 1 | 1 Input 230/400V, 20A | RST20i5 coding color black | Outputs | 3, L1, L2, L3 | 3 Outputs 230V, 20A | RST20i3 coding color black | pre-wired with | 2.5 mm ² | Fastening option | yes | | | | | | |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distribution unit 5 pole | gray | aon request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | black | 96.050.6153.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 57.2 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Input 230/400V, 20A | RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs | 3, L1, L2, L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 Outputs 230V, 20A | RST20i3 coding color black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pre-wired with | 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fastening option | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AS-i distribution unit

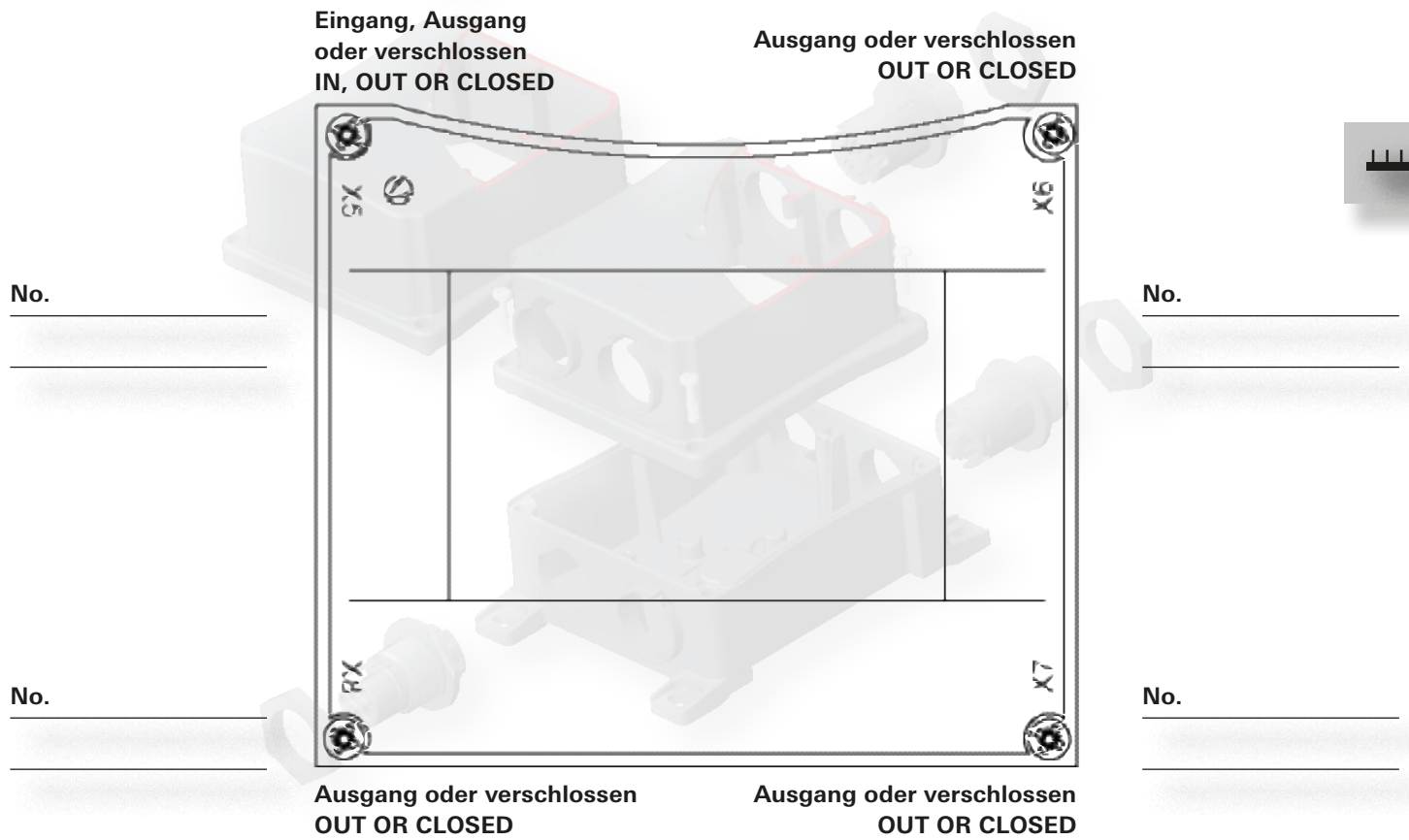
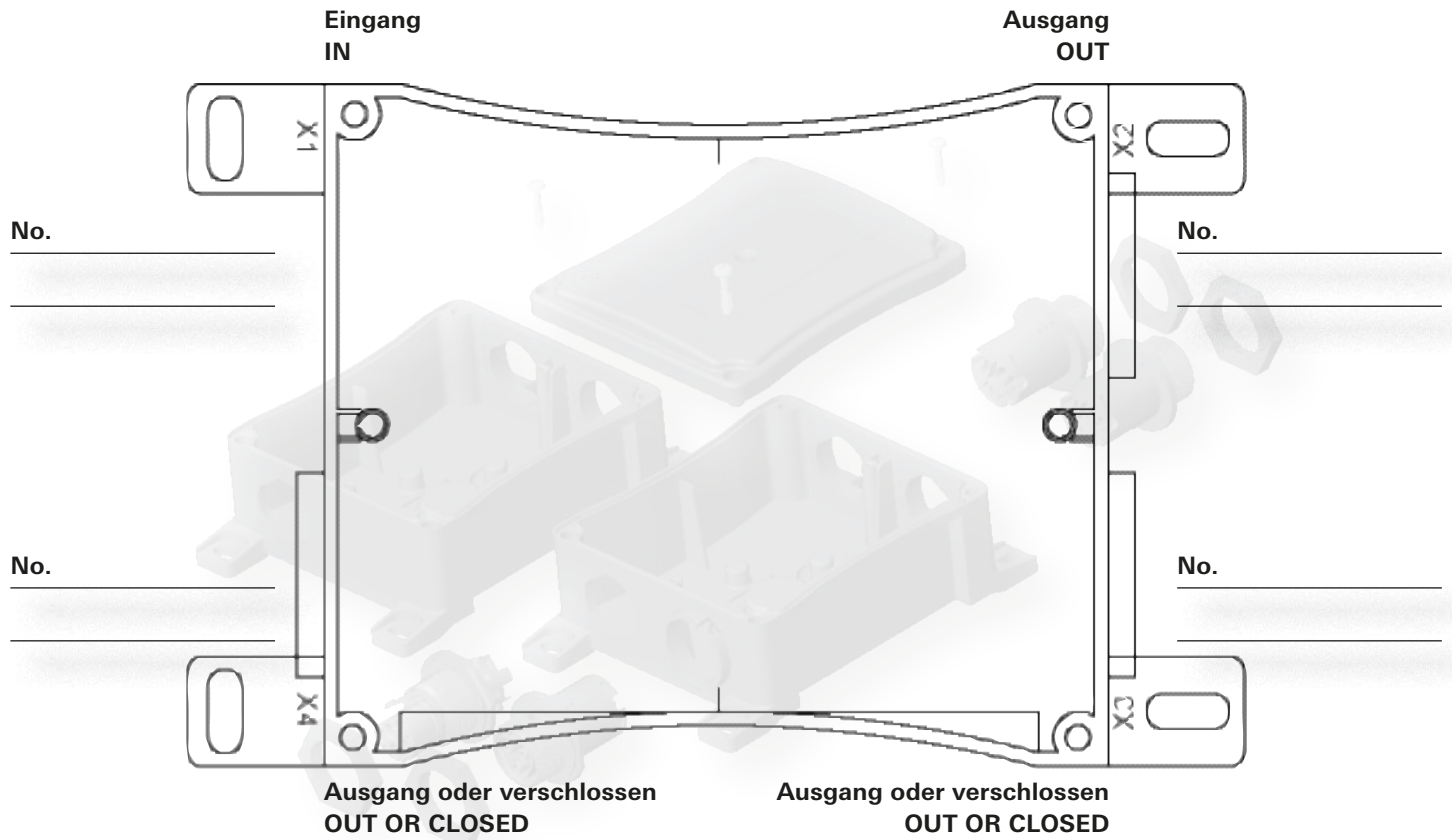
| Distribution box AS-i / 24V | Name | Color | Part No. |
|---|---------------------------------|---|---------------|
|  | Verteiler 4-polig | black | 96.040.0151.4 |
| | | gray | on request |
| | Dimensions (L x W x H) | 104 x 162 x 57.2 mm | |
| | Input | 1 | |
| | Outputs | 3 | |
| | Routing 3 outputs 230/400V, 20A | RST20i4 Coding color brown | |
| | pre-wired with | 2.5 mm ² | |
| | Fastening option | yes | |
| | | Circuit diagram | |
| | |  | |



Multi-distribution units with max. 8 slots

| <p>Multi-distribution unit 5/3 pole, 1I/7O, 2x L1, L2, L3</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Multi-distribution unit 5/3 pole</td> <td>gray</td> <td>on request</td> </tr> <tr> <td></td> <td>black</td> <td>96.050.7153.1</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 96 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>7</td> </tr> <tr> <td>Routing 230/400V, 20A</td> <td>1, RST20i5 coding color black</td> </tr> <tr> <td>230V, 20A</td> <td>6, RST20i3 coding color black</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Multi-distribution unit 5/3 pole | gray | on request | | black | 96.050.7153.1 | Dimensions (L x W x H) | 104 x 162 x 96 mm | Input | 1 | Outputs | 7 | Routing 230/400V, 20A | 1, RST20i5 coding color black | 230V, 20A | 6, RST20i3 coding color black | |
|--|---|---------------|-------|----------|---|-------|---------------|------------------------|-------------------|---------------------------|------------------------|-------------------|-------------------------------|-------------------------------|---------|---------------------|---|-------------------------------|-------------------------------|-------------------------------|--|
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | |
| Multi-distribution unit 5/3 pole | gray | on request | | | | | | | | | | | | | | | | | | | |
| | black | 96.050.7153.1 | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | |
| Outputs | 7 | | | | | | | | | | | | | | | | | | | | |
| Routing 230/400V, 20A | 1, RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | |
| 230V, 20A | 6, RST20i3 coding color black | | | | | | | | | | | | | | | | | | | | |
| <p>Multi-distribution unit 5/3 pole 1I/3O, L1, L2, L3</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Multi-distribution unit 5/3 pole</td> <td>gray</td> <td>on request</td> </tr> <tr> <td></td> <td>black</td> <td>99.902.0000.7</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 96 mm</td> </tr> <tr> <td>Input</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>4</td> </tr> <tr> <td>Routing 230/400V, 20A</td> <td>1, RST20i5 coding color black</td> </tr> <tr> <td>230V, 20A</td> <td>3, RST20i3 coding color black</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Multi-distribution unit 5/3 pole | gray | on request | | black | 99.902.0000.7 | Dimensions (L x W x H) | 104 x 162 x 96 mm | Input | 1 | Outputs | 4 | Routing 230/400V, 20A | 1, RST20i5 coding color black | 230V, 20A | 3, RST20i3 coding color black | |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | |
| Multi-distribution unit 5/3 pole | gray | on request | | | | | | | | | | | | | | | | | | | |
| | black | 99.902.0000.7 | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | | | | | | | | | | | | | | | | | | | | |
| Input | 1 | | | | | | | | | | | | | | | | | | | | |
| Outputs | 4 | | | | | | | | | | | | | | | | | | | | |
| Routing 230/400V, 20A | 1, RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | |
| 230V, 20A | 3, RST20i3 coding color black | | | | | | | | | | | | | | | | | | | | |
| <p>Multi-distribution unit 5/3 pole 1I/3O, L1, L2, L3</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Multi-distribution unit 5/3 pole</td> <td>gray</td> <td>on request</td> </tr> <tr> <td></td> <td>black</td> <td>99.901.0000.7</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 96 mm</td> </tr> <tr> <td>Input 230/400V, 20A</td> <td>1, RST20i5 coding color black</td> </tr> <tr> <td>Outputs</td> <td></td> </tr> <tr> <td>230V, with integrated fine fuse holder up to 10 A</td> <td>3, RST20i3 coding color black</td> </tr> <tr> <td>incl. fine fuse</td> <td>10 A, 5 x 20 mm</td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Multi-distribution unit 5/3 pole | gray | on request | | black | 99.901.0000.7 | Dimensions (L x W x H) | 104 x 162 x 96 mm | Input 230/400V, 20A | 1, RST20i5 coding color black | Outputs | | 230V, with integrated fine fuse holder up to 10 A | 3, RST20i3 coding color black | incl. fine fuse | 10 A, 5 x 20 mm | |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | |
| Multi-distribution unit 5/3 pole | gray | on request | | | | | | | | | | | | | | | | | | | |
| | black | 99.901.0000.7 | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | | | | | | | | | | | | | | | | | | | | |
| Input 230/400V, 20A | 1, RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | |
| Outputs | | | | | | | | | | | | | | | | | | | | | |
| 230V, with integrated fine fuse holder up to 10 A | 3, RST20i3 coding color black | | | | | | | | | | | | | | | | | | | | |
| incl. fine fuse | 10 A, 5 x 20 mm | | | | | | | | | | | | | | | | | | | | |
| <p>Distribution box Power and AS-i / 24V</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Distribution box</td> <td>black</td> <td>99.903.0000.7</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Dimensions (L x W x H)</td> <td>104 x 162 x 96 mm</td> </tr> <tr> <td>Input Power 230/400V, 20A</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>3, RST20i5 coding color black</td> </tr> <tr> <td>Power 230/400V, 20A</td> <td></td> </tr> <tr> <td>Input AS-i/24V, 20A</td> <td>1</td> </tr> <tr> <td>Outputs</td> <td>3, RST20i4 coding color brown</td> </tr> <tr> <td>AS-i/24V, 20A</td> <td></td> </tr> </tbody> </table> <p>Circuit diagram</p>  | Name | Color | Part No. | Distribution box | black | 99.903.0000.7 | Dimensions (L x W x H) | 104 x 162 x 96 mm | Input Power 230/400V, 20A | 1 | Outputs | 3, RST20i5 coding color black | Power 230/400V, 20A | | Input AS-i/24V, 20A | 1 | Outputs | 3, RST20i4 coding color brown | AS-i/24V, 20A | |
| Name | Color | Part No. | | | | | | | | | | | | | | | | | | | |
| Distribution box | black | 99.903.0000.7 | | | | | | | | | | | | | | | | | | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | | | | | | | | | | | | | | | | | | | | |
| Input Power 230/400V, 20A | 1 | | | | | | | | | | | | | | | | | | | | |
| Outputs | 3, RST20i5 coding color black | | | | | | | | | | | | | | | | | | | | |
| Power 230/400V, 20A | | | | | | | | | | | | | | | | | | | | | |
| Input AS-i/24V, 20A | 1 | | | | | | | | | | | | | | | | | | | | |
| Outputs | 3, RST20i4 coding color brown | | | | | | | | | | | | | | | | | | | | |
| AS-i/24V, 20A | | | | | | | | | | | | | | | | | | | | | |

Request for special version – please complete and return by fax to: +49-951-93 26-996



Bitte die benötigten Komponenten (Artikelnummer oder Polzahl und Color) ergänzen und Verdrahtung einzeichnen.
 Please add required components (either article code oder numer of poles and color) and the wiring scheme.

Multi-distribution units, radio, halogen technology

Switching output EnOcean 4-fold

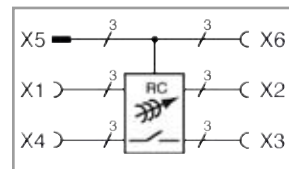


| Name | Color | Part No. |
|-------------------------|-------|---------------|
| gesis RC RST-0/4 | black | 83.020.0505.0 |

For radio switches and transmitters, see Accessories.

| | |
|-------------------------------------|---|
| Dimensions (L x W x H) | 104 x 162 x 96 mm |
| Input power (male connector) | 230V AC/20A (cod. black) |
| Output power (female connector) | 230V AC/20A (cod. black) |
| Switched outputs (female connector) | 4, separate control poss., 230V each, 6A |
| Control | e.g. EnOcean radio switch |
| Degree of protection | IP68 (all connections plugged in or closed) |
| Ambient temperature | -25 °C to +55 °C |
| Fastening option | yes, 4 elongated holes |
| Electrical connections | pluggable with RST20i2 ... 20i3 |

Circuit diagram



Transformer for low voltage halogen lamps, 12V AC

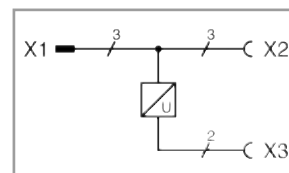


| Name | Color | Part No. |
|--------------------------------|-------|---------------|
| gesis RST PSU 12/70 LVH | black | 83.020.0904.0 |

For distribution units for parallel connection of halogen lamps, see Chapter RST20i2. Unused connections must be closed, see Accessories.

| | |
|--------------------------------------|---|
| Dimensions (L x W x H) | 104 x 162 x 96 mm |
| Input power (male connector) | 230V AC/20A (cod. black) |
| Output power (female connector) | 230V AC/20A (cod. black) |
| Output LV halogen (female connector) | 12V AC/20 – 70W (cod. brown) |
| Output LV halogen cable length | max. 2 m |
| Degree of protection | IP68 (all connections plugged in or closed) |
| Ambient temperatures | 0 °C to +45 °C (derating from 35 °C) |
| Fastening option | yes, 4 elongated holes |
| Electrical connections | pluggable with RST20i2 ... 20i3 |

Circuit diagram



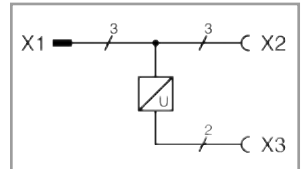
Multi-distribution units, LED technology

Constant voltage source, 12 V DC



| Name | Color | Part No. |
|---|---|---------------|
| gesis RST PSU 12/12 LED | black | 83.020.0900.0 |
| For distribution units for parallel connection of LED lamps, see Chapter RST20i2. Unused connections must be closed, see Chapter Accessories. | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | |
| Input power (male connector) | 230V AC/20A (cod. black) | |
| Output power (female connector) | 230V AC/20A (cod. black) | |
| Output LED (female connector) | 12V DC/max. 12W (cod. brown) | |
| Degree of protection | IP68 (all connections plugged in or closed) | |
| Ambient temperature | -25 °C to +55 °C | |
| Fastening option | yes, 4 elongated holes | |
| Electrical connections | pluggable with RST20i2 ... 20i3 | |

Circuit diagram

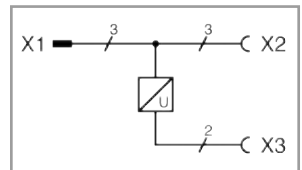


Constant voltage source, 24 V DC



| Name | Color | Part No. |
|---|---|---------------|
| gesis RST PSU 24/12 LED | black | 83.020.0901.0 |
| For distribution units for parallel connection of LED lamps, see Chapter RST20i2. Unused connections must be closed, see Chapter Accessories. | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | |
| Input power (male connector) | 230V AC/20A (cod. black) | |
| Output power (female connector) | 230V AC/20A (cod. black) | |
| Output LED (female connector) | 24V DC/max. 12W (cod. brown) | |
| Degree of protection | IP68 (all connections plugged in or closed) | |
| Ambient temperature | -25 °C to +55 °C | |
| Fastening option | yes, 4 elongated holes | |
| Electrical connections | pluggable with RST20i2 ... 20i3 | |

Circuit diagram

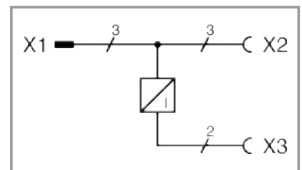


Constant current source, 350 mA DC



| Name | Color | Part No. |
|---|---|---------------|
| gesis RST PSI 350/12 LED | black | 83.020.0902.0 |
| For distribution units for serial connection of LED lamps, see Chapter RST20i2. Unused connections must be closed, see Chapter Accessories. | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | |
| Input power (male connector) | 230V AC/20A (cod. black) | |
| Output power (female connector) | 230V AC/20A (cod. black) | |
| Output LED (female connector) | 350 mA DC/max. 12W (cod. brown) | |
| Degree of protection | IP68 (all connections plugged in or closed) | |
| Ambient temperature | -25 °C to +55 °C | |
| Fastening option | yes, 4 elongated holes | |
| Electrical connections | pluggable with RST20i2 ... 20i3 | |

Circuit diagram

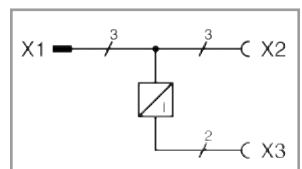


Constant current source, 700 mA DC



| Name | Color | Part No. |
|---|---|---------------|
| gesis RST PSI 700/12 LED | black | 83.020.0903.0 |
| For distribution units for serial connection of LED lamps, see Chapter RST20i2. Unused connections must be closed, see Chapter Accessories. | | |
| Dimensions (L x W x H) | 104 x 162 x 96 mm | |
| Input power (male connector) | 230V AC/20A (cod. black) | |
| Output power (female connector) | 230V AC/20A (cod. black) | |
| Output LED (female connector) | 700 mA DC/max. 12W (cod. brown) | |
| Degree of protection | IP68 (all connections plugged in or closed) | |
| Ambient temperature | -25 °C to +55 °C | |
| Fastening option | yes, 4 elongated holes | |
| Electrical connections | pluggable with RST20i2 ... 20i3 | |

Circuit diagram



Accessories

Multivendor radio switch, 2/4 channels

| Type | Color | Part No. | Marking |
|--------------------------|-----------------|---------------|---------|
| Radio switch, 2 channels | white | F0.000.0005.6 | I / 0 |
| | anthracite | F0.000.0007.5 | I / 0 |
| | aluminum finish | F0.000.0007.6 | I / 0 |
| Radio switch, 2 channels | white | F0.000.0005.8 | (△▼) |
| | anthracite | F0.000.0007.7 | (△▼) |
| | aluminum finish | F0.000.0007.8 | (△▼) |
| Radio switch, 4 channels | white | F0.000.0005.7 | I / 0 |
| | anthracite | F0.000.0009.9 | I / 0 |
| | aluminum finish | F0.000.0008.0 | I / 0 |
| Radio switch, 4 channels | white | F0.000.0005.9 | (△▼) |
| | anthracite | F0.000.0008.1 | (△▼) |
| | aluminum finish | F0.000.0008.2 | (△▼) |

- Batteryless and maintenance-free
- For mounting on flat surfaces with screws or adhesive pads (included in delivery)
- The radio switches fit the frames with 55mm installation size of the vendors and their designs listed:
 Berker: S1, B1, B3, B7 Glas
 Gira: Standard 55, E2, Event, Esprit
 Jung: A500, A plus
 Merten: M-Smart, M-Arc, M-Plan

Multivendor radio switches with 2/4 channels (light) (I / 0)
 - the rockers are imprinted with I/O symbols

Multivendor radio switches with 2/4 channels (sunblind) (Up / Down)(△▼)
 - the rockers are imprinted with Up/Down (△▼) symbols



Batteryless and maintenance-free radio switches with 2/4 channels for direct control of the actuators. The rockers in neutral center position are marked with I/O or Up/Down (△▼) symbols. These 55x55mm switches enable installation in various designs of various manufacturers.

Accessories

Handheld radio transmitter, 4 channels



Batteryless and maintenance-free 4-channel handheld transmitter for direct control of the actuators.

| Type | Color | Part No. |
|----------------------------|---------------------|---------------|
| Handheld radio transmitter | pure white RAL 9010 | F0.000.0009.1 |
| Handheld radio transmitter | black RAL 9005 | F0.000.0009.2 |
| Handheld radio transmitter | silver finish | F0.000.0009.3 |

Handheld radio transmitter

- Batteryless and maintenance-free
- For stick-on surface mounting or as a handheld remote control.

Radio switch, 2/4 channels



Batteryless and maintenance-free radio switches with 2/4 channels for direct control of the actuators. The rockers in neutral center position are marked with I/O or Up/Down (△▼) symbols. Between the rockers, there is a marking field with detachable marking strips. The following combination frames fit these radio switches.

| Type | Color | Part No. | Marking |
|--------------------------|-----------------|---------------|---------|
| Radio switch, 2 channels | white | F0.000.0002.1 | I / O |
| | aluminum finish | F0.000.0004.4 | I / O |
| Radio switch, 4 channels | white | F0.000.0002.2 | (△▼) |
| | aluminum finish | F0.000.0004.5 | (△▼) |
| | white | F0.000.0002.3 | I / O |
| | aluminum finish | F0.000.0004.6 | I / O |
| | white | F0.000.0002.4 | (△▼) |
| | aluminum finish | F0.000.0004.7 | (△▼) |

- Batteryless and maintenance-free
- For mounting on plane surfaces with screws or adhesive pads (included in delivery)

Radio switch, 2/4 channels (light) I / O

- the rockers are imprinted with I/O symbols

Radio switch, 2/4 channels (sunblind) Up / Down

- the rockers are imprinted with Up/Down (△▼) symbols

Combination frames must be ordered separately.

Combination frames for radio switches with 2/4 channels



Frame for installation of the 2/4 channel radio switches for vertical or horizontal mounting.

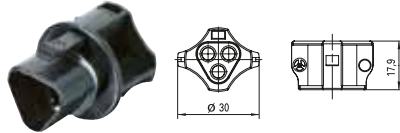
| Type | Color | Part No. |
|---------------------------|-----------------|---------------|
| Combination frame, single | white | F0.000.0002.5 |
| | aluminum finish | F0.000.0004.8 |
| Combination frame, double | white | F0.000.0002.6 |
| | aluminum finish | F0.000.0004.9 |
| Combination frame, triple | white | F0.000.0003.5 |
| | aluminum finish | F0.000.0009.7 |

Combination frames, 1-fold to 3-fold

- match the radio switches
- not suitable for multivendor radio switches

Accessories – Cover pieces

Female connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused male connectors | Safe locking device unused male connectors |
| gray | 05.564.4453.0 | 99.415.6205.2 |
| black | 05.564.4453.1 | 99.416.6205.2 |

Male connector 2 to 3 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 2 – 3 pole | Pole 2 – 3 pole |
| | Safe locking device unused female connectors | Safe locking device unused female connectors |
| gray | Z5.564.4553.0 | 99.413.6205.2 |
| black | Z5.564.4553.1 | 99.414.6205.2 |

Female connector 4 to 5 pole



| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 4 – 5 pole | Pole 4 – 5 pole |
| | Safe locking device unused male connectors | Safe locking device unused male connectors |
| gray | 05.565.9953.0 | 99.531.0000.7 |
| black | 05.565.9953.1 | 99.532.0000.7 |

Male connector 4 to 5 pole



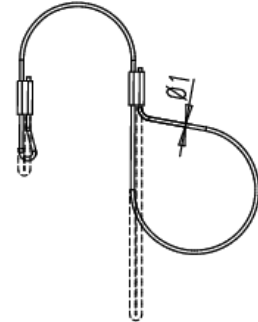
| Color | Part No. | Part No. |
|-------|--|--|
| | not captive against loss | captive against loss |
| | Pole 4 – 5 pole | Pole 4 – 5 pole |
| | Safe locking device unused female connectors | Safe locking device unused female connectors |
| gray | Z5.565.9853.0 | 99.529.0000.7 |
| black | Z5.565.9853.1 | 99.529.0000.7 |

Accessories

Fastening cord



| Color | Part No. |
|-------|------------------------------|
| | Fastening cord |
| | Pole 2 – 5 pole Cover pieces |
| gray | 99.000.9950.0 |



Manual disconnect*

With manual disconnect, only one button must be pressed to easily disconnected the connections.

Also see the Mounting Instructions!

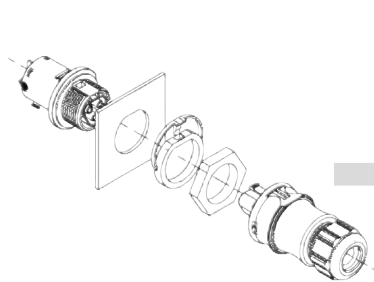
* Note:
Connections with manual disconnect are not approved according to VDE 0606 (fixed installations, for example in buildings). The VDE 0627 regulation will still apply nevertheless. Also see the "Installation instructions"!



| Color | Part No. | Part No. |
|---------------|--|--|
| | Retrofitting plug connectors (female connector) | Retrofitting pre-assembled cables |
| | Pole 2 – 5 pole | Cable RST20i2, RST20i3 |
| | Can only be integrated into female connectors! | Version Shrinkage tube |
| black | 05.564.8653.1 | 05.565.8653.1 |
| concrete gray | 05.564.8653.3 | 05.565.8653.3 |
| green | 05.564.8653.7 | 05.565.8653.7 |

Spacer ring for M25 device connectors, Female connector 2 to 5 poles

A spacer ring makes it possible to unlock a connection at the device connector.



| Color | Part No. | Part No. |
|-------|------------------------|------------------------|
| | With manual activation | Screwdriver activation |
| gray | 05.568.8853.0 | 05.566.5253.0 |
| black | 05.568.8853.1 | 05.566.5253.1 |




Accessories

| Crimp contacts* Female contacts | Name | | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------|----------------------------------|-------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 | – 1.0 | 02.125.5521.8 | 100 |
| | Crimp contact | 1 | 1.5 | | 02.125.5621.8 | 100 |
| | Crimp contact | 2 | 2.5 | | 02.125.5721.8 | 100 |
| | Crimp contact | 3 | 4.0 | | 02.125.5821.8 | 100 |




* Available on straps or in magazines on request

| Crimp contacts* Male contacts | Name | | Marking (groove) mm ² | | Part No. | Units per pack |
|---|----------------------|----------|----------------------------------|-------|---------------|----------------|
| | Crimp contact | unmarked | 0.75 | – 1.0 | 05.545.0021.8 | 100 |
| | Crimp contact | 1 | 1.5 | | 05.545.0121.8 | 100 |
| | Crimp contact | 2 | 2.5 | | 05.545.0221.8 | 100 |
| | Crimp contact | 3 | 4.0 | | 05.545.0321.8 | 100 |




* Available on straps or in magazines on request


| Crimping tool | Name | | Part No. |
|----------------------|---------------------------------------|--|---------------|
| | Crimping tool incl. system kit | | 95.101.0800.0 |
| | Crimping die B | | 05.502.2100.0 |
| | Contact positioner | | 05.502.3600.0 |





| Unlocking tool for crimp contacts | Name | | Part No. |
|---|-----------------------|--|---------------|
| | Unlocking tool | | 05.502.3500.0 |



Accessories

| | | | |
|---|--------------------|--------------|---------------|
| <p>Screwdriver acc. DIN 5264</p>  | Name | | Part No. |
| | Screwdriver | | 06.502.4300.0 |
| for RST spring clamp connections | | | |
| Blade | | 0.4 – 2.5 mm | |

| | | | |
|---|--|--|--|
| <p>Insertion tool For termination points with spring clamp technology</p>  | Name | | Part No. |
| | Insertion tool | | 95.101.1300.0 |
| Spring clamp technology | | | |
| Ferrules | 0.08 – 6.0 mm ² , AWG 28 – 10 | | <ul style="list-style-type: none"> – Square compression – Releasable latch – Compression adjustable |
| Total length | 174 mm | | |

| | | | | | |
|--|--------------------|----------------------------------|-----------------|---------------|---------------|
| <p>Ferrules</p>  | Name | | mm ² | Color | Part No. |
| | Ferrules | 0.50 | | white | 06.600.3827.0 |
| Ferrules | 0.75 | | gray | 06.600.3727.0 | |
| Ferrules | 1.00 | | red | 06.600.3627.0 | |
| Ferrules | 1.50 | | black | 06.600.3927.0 | |
| For RST 20i3 spring clamp connectors | | | | | |
| Insulating sleeve | | yes | | | |
| for wires of | | | | | |
| 0.50 mm ² | DIN 46228-E0,5-10 | | | | |
| 0.75 mm ² | DIN 46228-E0,75-12 | | | | |
| 1.00 mm ² | DIN 46228-E1,0-12 | | | | |
| 1.50 mm ² | DIN 46228-E1,5-12 | | | | |
| Material | | | | | |
| Sleeve | | Polypropylene | | | |
| Temperature resistance | | up to 105° C, tracking resistant | | | |
| Tube | | E-Cu, galvanically tin-plated | | | |



Accessories sample kits

| <p>RST20i3 sample kit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>RST20i3 trial kit</td> <td>99.429.0000.0</td> </tr> </tbody> </table> <p>Get to know our products</p> <p>Contents:</p> <ul style="list-style-type: none"> – Connectors – Device connections – Cover pieces | Name | Part No. | RST20i3 trial kit | 99.429.0000.0 |
|---|---|------|----------|----------------------------------|---------------|
| Name | Part No. | | | | |
| RST20i3 trial kit | 99.429.0000.0 | | | | |
| <p>RST20i5 sample kit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>RST20i5 trial kit</td> <td>99.430.0000.0</td> </tr> </tbody> </table> <p>Get to know our products</p> <p>Contents:</p> <ul style="list-style-type: none"> – Connectors – Device connections – Cover piece | Name | Part No. | RST20i5 trial kit | 99.430.0000.0 |
| Name | Part No. | | | | |
| RST20i5 trial kit | 99.430.0000.0 | | | | |
| <p>RST20i2...i5 sample kit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>RST20i2...i5 complete kit</td> <td>99.431.0000.0</td> </tr> </tbody> </table> <p>Get to know our products</p> <p>Contents:</p> <ul style="list-style-type: none"> – Connectors, incl. all codings – Device connectors – Pre-assembled cables – Distribution board – Cover pieces | Name | Part No. | RST20i2...i5 complete kit | 99.431.0000.0 |
| Name | Part No. | | | | |
| RST20i2...i5 complete kit | 99.431.0000.0 | | | | |
| <p>Sample illumination cable</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Sample illumination cable</td> <td>99.490.0000.0</td> </tr> </tbody> </table> <p>Sample piece</p> <p>Contents:</p> <ul style="list-style-type: none"> – RST20i2 connector pre-assembled with illumination cable – Lamp base and end piece (no lamp) <p>The illumination cable is not a standard Wieland product.</p> | Name | Part No. | Sample illumination cable | 99.490.0000.0 |
| Name | Part No. | | | | |
| Sample illumination cable | 99.490.0000.0 | | | | |



RST POWER Connectors

Compact, quick and strong

Always right on site

The new RST Power connector series combines the highest degree of connectivity with the highest degree of contact density.

The 5 pole IP66/67 connectors and device connections have been designed for 250/400V and a maximum

current of 50A. In addition to the well-proven screw connection technology, the components are also available in crimp technology – ideal for industrial pre-assembly.

With only a few individual parts, any electrical device can be made pluggable, which makes for quick and reliable on-site installations.



Advantages at a glance:

- High load carrying capability, up to 50 A
- Cross sections up to 16 mm²
- For M32 knock-outs



Installation with a system

The housing design delivers consistently simple assembly and installation. The device, or bulkhead connectors, intended for installation inside a housing, require no more space than a standard M32 cable gland, and are mounted directly into the panel knock-out via a snap-in fitting.

In cases where a knock-out has been prepared for M40 cable glands, an adapter ring ensures that the required center position is maintained.

The connectors consist of two parts and are installed with only a few flicks of the wrist. An ingenious system of locking mechanisms eliminates time-consuming fastening with screws.

The user-friendly bayonet lock can also protect against accidental disconnection of the connector (if necessary with a lock-out cable).

► Conventional installation



► Pluggable installation from Wieland



RST 50 Connectors

Simply reliable

Assembly of the device connector



Snap the housing into the M32 knock-out

M40 adapter ring



Tighten the counter nuts positioned inside



Assemble the contact carrier



Fasten or loosen the contact carrier

Assembly of the connector



Insert the cable into the strain relief housing



Connect the wire using screw technology



Connect the wires using crimp technology



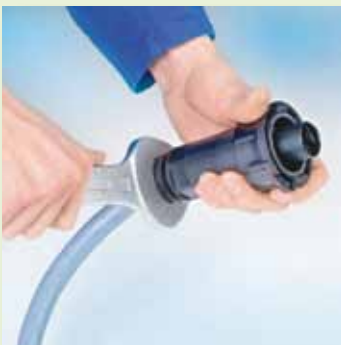
Loosen the wires connected using crimp technology



Latch the contact carrier



Fasten or loosen the contact carrier



Tighten the gland using the required torque



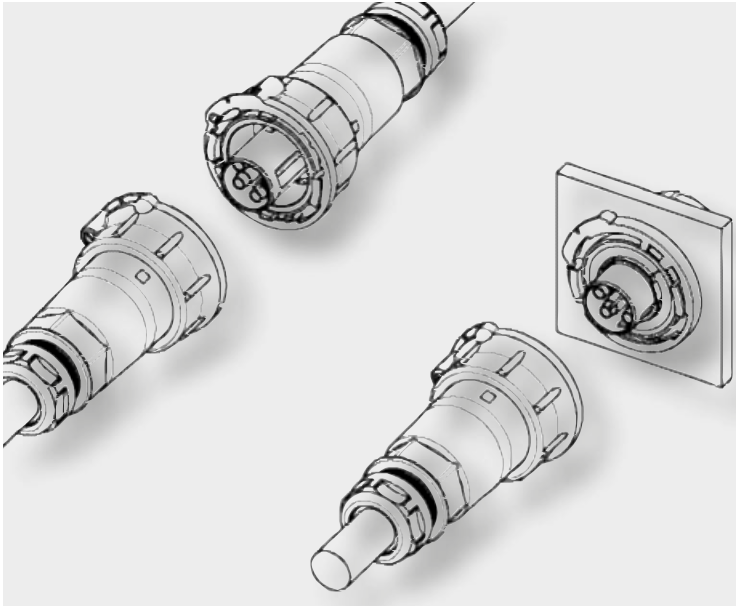
Bayonet lock with integrated protection against accidental disconnecting





The new RST Power series up to 50A

Application example



General

The new RST Power series is particularly designed for device engineering. With a current-carrying capability of 50A combined with an extremely compact design, the connector fits almost everywhere.

The 4 pole connector is based on the 5 pole variation, with one pole left empty.

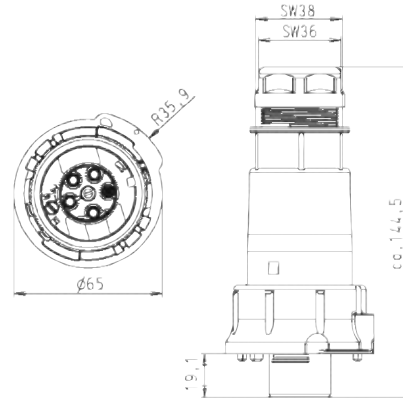
Coding


| | | | | | Application | Power 250/400V |
|-------------------|-------------------------|-----------------------|-----------------------|----------------------------|-------------------|----------------|
| | | | | | Mechanical coding | 1, 2, 3, ⊕ |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | black | |
| Connectors | 1 x wire entry | Screw Spring clamp | yes | 1 | | |
| Device connectors | M32 connector, standard | Screw Spring clamp | yes | 1 | | |



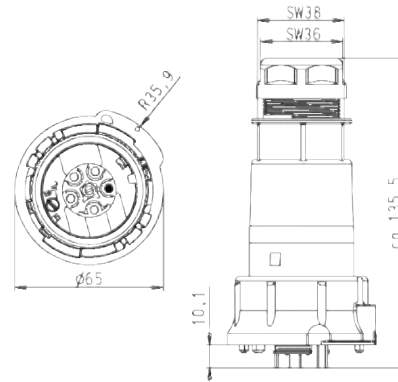
Connector with strain relief


Female connector



| Application | Coding | Cable gland | Wire diameter | Color | Part No. | Part No. |
|----------------------------|---|-------------|--------------------|----------------|--------------------------------|---|
| | | | | | with screw connection | |
| | | | | | Wires | mm ² |
| | | | | | solid | from 4.0 to 6.0*) |
| | | | | | stranded | from 4.0 to 16.0 |
| | | | | | flexible wires | VDE, UL, CSA being prepared |
| | | | | | Approvals | ⊕, 1, 2, 3 |
| | | | | | Pole markings | order separately; see last page of section RST50i |
| | | | | | with crimp connection | |
| | | | | | Wires | mm ² |
| | | | | | flexible wires | from 4.0 to 10.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3 |
| | | | | | Crimp contacts | order separately; see last page of section RST50i |
| Main power supply max. 50A |  | M32 M40 | 15 – 25 20 – 32 | black black | 97.041.4053.1 97.041.4253.1 | 97.141.0053.1 97.141.0253.1 |

Male connector

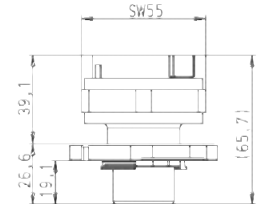
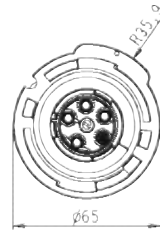


| Application | Coding | Cable gland | Wire diameter | Color | Part No. | Part No. |
|----------------------------|---|-------------|--------------------|----------------|--------------------------------|---|
| | | | | | with screw connection | |
| | | | | | Wires | mm ² |
| | | | | | solid | from 4.0 to 6.0*) |
| | | | | | stranded | from 4.0 to 16.0 |
| | | | | | flexible wires | VDE, UL, CSA being prepared |
| | | | | | Approvals | ⊕, 1, 2, 3 |
| | | | | | Pole markings | order separately; see last page of section RST50i |
| | | | | | with crimp connection | |
| | | | | | Wires | mm ² |
| | | | | | flexible wires | from 4.0 to 10.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3 |
| | | | | | Crimp contacts | order separately; see last page of section RST50i |
| Main power supply max. 50A |  | M32 M40 | 15 – 25 20 – 32 | black black | 97.042.4053.1 97.042.4253.1 | 97.142.0053.1 97.142.0253.1 |

*) Solid and stranded wires > 6.0mm² cannot be connected in the available space due to their rigidity.

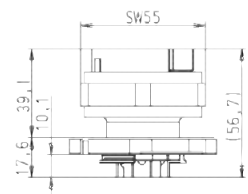
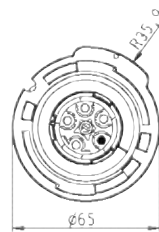
M32 device connector

Female connector



| Application | Coding | Fixation with bolts | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|-------|--|--------------------------------|-----------------|-------|------------------|----------|------------------|----------------|------------------|-----------|-----------------------------|---------------|------------|--|-------|-----------------|----------------|------------------|-----------|-----------------------------|---------------|------------|
| Drilling template for device connectors fixed in position | | fixed in position | black | with screw connection | with crimp connection | | | | | | | | | | | | | | | | | | | | |
| | | not fixed in position | black | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>solid</td><td>from 4.0 to 16.0</td></tr> <tr><td>stranded</td><td>from 4.0 to 16.0</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 16.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3</td></tr> </table> | Wires | mm ² | solid | from 4.0 to 16.0 | stranded | from 4.0 to 16.0 | flexible wires | from 4.0 to 16.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3 | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 10.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3</td></tr> <tr><td>Crimp contacts</td><td>order separately; see last page of section RST50i</td></tr> </table> | Wires | mm ² | flexible wires | from 4.0 to 10.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3 |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| solid | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 10.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts | order separately; see last page of section RST50i | | | | | | | | | | | | | | | | | | | | | | | | |
| Power max. 50A | | | | 97.041.5553.1 97.041.5053.1 | 97.141.1553.1 97.141.1053.1 | | | | | | | | | | | | | | | | | | | | |

Male connector

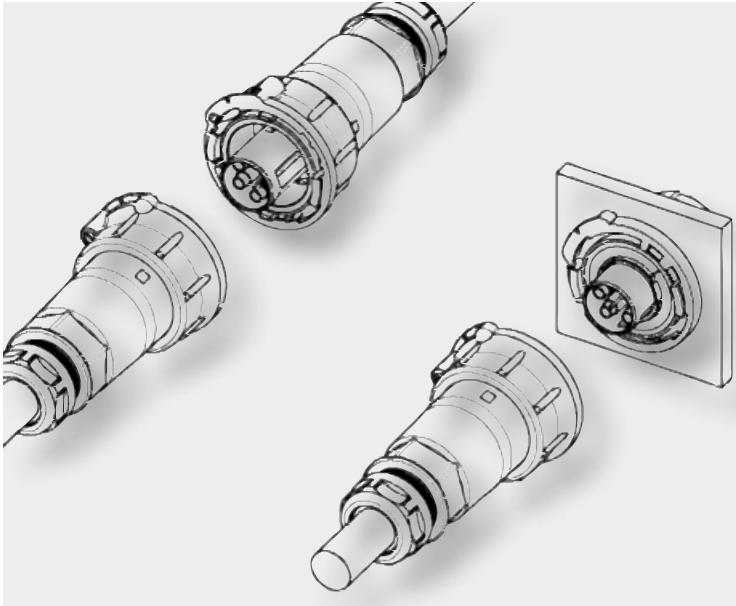


| Application | Coding | Fixation with bolts | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|-------|--|--------------------------------|-----------------|-------|------------------|----------|------------------|----------------|------------------|-----------|-----------------------------|---------------|------------|--|-------|-----------------|----------------|------------------|-----------|-----------------------------|---------------|------------|
| Drilling template for device connectors fixed in position | | fixed in position | black | with screw connection | with crimp connection | | | | | | | | | | | | | | | | | | | | |
| | | not fixed in position | black | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>solid</td><td>from 4.0 to 16.0</td></tr> <tr><td>stranded</td><td>from 4.0 to 16.0</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 16.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3</td></tr> </table> | Wires | mm ² | solid | from 4.0 to 16.0 | stranded | from 4.0 to 16.0 | flexible wires | from 4.0 to 16.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3 | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 10.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3</td></tr> <tr><td>Crimp contacts</td><td>order separately; see last page of section RST50i</td></tr> </table> | Wires | mm ² | flexible wires | from 4.0 to 10.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3 |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| solid | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 10.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts | order separately; see last page of section RST50i | | | | | | | | | | | | | | | | | | | | | | | | |
| Power max. 50A | | | | 97.042.5553.1 97.042.5053.1 | 97.142.1553.1 97.142.1053.1 | | | | | | | | | | | | | | | | | | | | |



The new RST Power series up to 50A

Application example



General

The new RST Power series is particularly designed for device engineering. With a current-carrying capability of 50A combined with an extremely compact design, the connector fits almost everywhere.

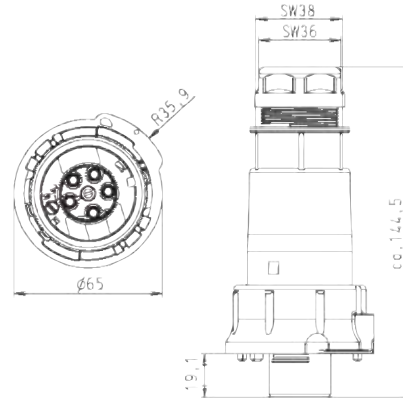
Coding


| | | | | Application | Power 250/400V |
|--------------------------|-------------------------|-----------------------|-----------------------|----------------------------|-------------------|
| | | | | Mechanical coding | 1, 2, 3, N, ⊕ |
| Name | Description | Connection style | Strain relief housing | Connection points per pole | black |
| Connectors | 1 x wire entry | Screw Spring clamp | yes | 1 | |
| Device connectors | M32 connector, standard | Screw Spring clamp | yes | 1 | |



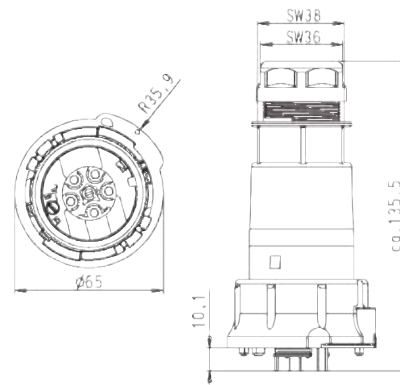
Connector with strain relief


Female connector



| Application | Coding | Cable gland | Wire diameter | Color | Part No. | Part No. |
|----------------------------|---|-------------|---------------|-------|------------------------------|---|
| | | | | | with screw connection | |
| | | | | | Wires | mm ² |
| | | | | | solid | from 4.0 to 6.0*) |
| | | | | | stranded | |
| | | | | | flexible wires | from 4.0 to 16.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3, N |
| | | | | | with crimp connection | |
| | | | | | Wires | mm ² |
| | | | | | flexible wires | from 4.0 to 10.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3, N |
| | | | | | Crimp contacts | order separately; see last page of section RST50i |
| Main power supply max. 50A |  | M32 | 15 – 25 | black | 97.051.4053.1 | 97.151.0053.1 |
| | | M40 | 20 – 32 | black | 97.051.4253.1 | 97.151.0253.1 |

Male connector

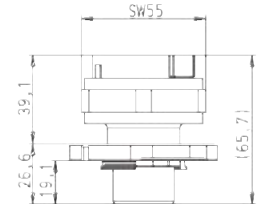
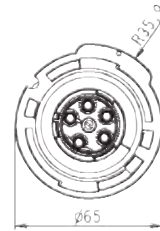


| Application | Coding | Cable gland | Wire diameter | Color | Part No. | Part No. |
|----------------------------|---|-------------|---------------|-------|------------------------------|---|
| | | | | | with screw connection | |
| | | | | | Wires | mm ² |
| | | | | | solid | from 4.0 to 6.0*) |
| | | | | | stranded | |
| | | | | | flexible wires | from 4.0 to 16.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3, N |
| | | | | | with crimp connection | |
| | | | | | Wires | mm ² |
| | | | | | flexible wires | from 4.0 to 10.0 |
| | | | | | Approvals | VDE, UL, CSA being prepared |
| | | | | | Pole markings | ⊕, 1, 2, 3, N |
| | | | | | Crimp contacts | order separately; see last page of section RST50i |
| Main power supply max. 50A |  | M32 | 15 – 25 | black | 97.052.4053.1 | 97.152.0053.1 |
| | | M40 | 20 – 32 | black | 97.052.4253.1 | 97.152.0253.1 |

*) Solid and stranded wires > 6,0mm² cannot be connected in the available space due to their rigidity

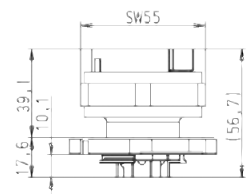
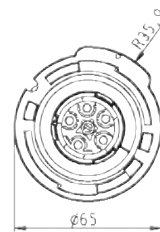
M32 device connector

Female connector



| Application | Coding | Fixation with bolts | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|-------|---|--------------------------------|-----------------|-------|------------------|----------|------------------|----------------|------------------|-----------|-----------------------------|---------------|---------------|---|-------|-----------------|----------------|------------------|-----------|-----------------------------|---------------|---------------|
| Drilling template for device connectors fixed in position | | fixed in position | black | with screw connection | with crimp connection | | | | | | | | | | | | | | | | | | | | |
| | | not fixed in position | black | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>solid</td><td>from 4.0 to 16.0</td></tr> <tr><td>stranded</td><td>from 4.0 to 16.0</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 16.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3, N</td></tr> </table> | Wires | mm ² | solid | from 4.0 to 16.0 | stranded | from 4.0 to 16.0 | flexible wires | from 4.0 to 16.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3, N | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 10.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3, N</td></tr> <tr><td>Crimp contacts</td><td>order separately; see last page of section RST50i</td></tr> </table> | Wires | mm ² | flexible wires | from 4.0 to 10.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3, N |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| solid | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3, N | | | | | | | | | | | | | | | | | | | | | | | | |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 10.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3, N | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts | order separately; see last page of section RST50i | | | | | | | | | | | | | | | | | | | | | | | | |
| Power max. 50A | | | | 97.051.5553.1 97.051.5053.1 | 97.151.1553.1 97.151.1053.1 | | | | | | | | | | | | | | | | | | | | |


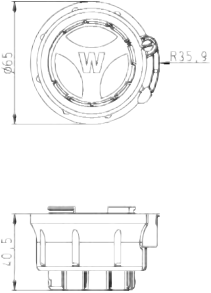


Male connector



| Application | Coding | Fixation with bolts | Color | Part No. | Part No. | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|-------|---|--------------------------------|-----------------|-------|------------------|----------|------------------|----------------|------------------|-----------|-----------------------------|---------------|---------------|---|-------|-----------------|----------------|------------------|-----------|-----------------------------|---------------|---------------|
| Drilling template for device connectors fixed in position | | fixed in position | black | with screw connection | with crimp connection | | | | | | | | | | | | | | | | | | | | |
| | | not fixed in position | black | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>solid</td><td>from 4.0 to 16.0</td></tr> <tr><td>stranded</td><td>from 4.0 to 16.0</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 16.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3, N</td></tr> </table> | Wires | mm ² | solid | from 4.0 to 16.0 | stranded | from 4.0 to 16.0 | flexible wires | from 4.0 to 16.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3, N | <table border="1"> <tr><td>Wires</td><td>mm²</td></tr> <tr><td>flexible wires</td><td>from 4.0 to 10.0</td></tr> <tr><td>Approvals</td><td>VDE, UL, CSA being prepared</td></tr> <tr><td>Pole markings</td><td>⊕, 1, 2, 3, N</td></tr> <tr><td>Crimp contacts</td><td>order separately; see last page of section RST50i</td></tr> </table> | Wires | mm ² | flexible wires | from 4.0 to 10.0 | Approvals | VDE, UL, CSA being prepared | Pole markings | ⊕, 1, 2, 3, N |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| solid | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| stranded | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 16.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3, N | | | | | | | | | | | | | | | | | | | | | | | | |
| Wires | mm ² | | | | | | | | | | | | | | | | | | | | | | | | |
| flexible wires | from 4.0 to 10.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | VDE, UL, CSA being prepared | | | | | | | | | | | | | | | | | | | | | | | | |
| Pole markings | ⊕, 1, 2, 3, N | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts | order separately; see last page of section RST50i | | | | | | | | | | | | | | | | | | | | | | | | |
| Power max. 50A | | | | 97.052.5553.1 97.052.5053.1 | 97.152.1553.1 97.152.1053.1 | | | | | | | | | | | | | | | | | | | | |




Accessories


| <p>Cover</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Cover</td> <td>black</td> <td>Z5.567.5653.0</td> </tr> </tbody> </table>  <p>For safe covering of unused male or female components</p> | Name | Color | Part No. | Cover | black | Z5.567.5653.0 | | | | | | |
|---|--|---------------|-------|----------|-----------------------------------|-------|---------------|-----------------------|--|---------------|---------------------------|--|---------------|
| Name | Color | Part No. | | | | | | | | | | | |
| Cover | black | Z5.567.5653.0 | | | | | | | | | | | |
| <p>Sample kit RST50i5</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Sample kit RST50i5</td> <td>black</td> <td>99.628.0000.0</td> </tr> </tbody> </table> <p>Trial set Complete kit including:</p> <ul style="list-style-type: none"> - Connectors - Device connection - Cover piece - Knock-out (metal sheet) | Name | Color | Part No. | Sample kit RST50i5 | black | 99.628.0000.0 | | | | | | |
| Name | Color | Part No. | | | | | | | | | | | |
| Sample kit RST50i5 | black | 99.628.0000.0 | | | | | | | | | | | |
| <p>Crimping tool with system kit</p>  | <table border="1"> <thead> <tr> <th>Name</th> <th>Color</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>Basic tool with system kit</td> <td></td> <td>95.101.0800.0</td> </tr> <tr> <td>Crimping die D</td> <td></td> <td>05.502.2300.0</td> </tr> <tr> <td>Contact positioner</td> <td></td> <td>05.502.3700.0</td> </tr> </tbody> </table> | Name | Color | Part No. | Basic tool with system kit | | 95.101.0800.0 | Crimping die D | | 05.502.2300.0 | Contact positioner | | 05.502.3700.0 |
| Name | Color | Part No. | | | | | | | | | | | |
| Basic tool with system kit | | 95.101.0800.0 | | | | | | | | | | | |
| Crimping die D | | 05.502.2300.0 | | | | | | | | | | | |
| Contact positioner | | 05.502.3700.0 | | | | | | | | | | | |

Accessories


| Crimp contacts Female contacts | Name | ID (groove)mm ² | | Part No. |
|--|----------------------|----------------------------|------|---------------|
| | Crimp contact | unmarked | 4.0 | 02.126.0621.8 |
| | Crimp contact | 1 | 6.0 | 02.126.0721.8 |
| | Crimp contact | unmarked | 10.0 | 02.126.0821.8 |



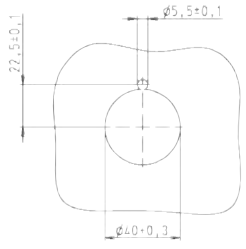
| Crimp contacts Male contacts | Name | ID (groove)mm ² | | Part No. |
|--|----------------------|----------------------------|------|---------------|
| | Crimp contact | unmarked | 4.0 | 05.545.2821.8 |
| | Crimp contact | 1 | 6.0 | 05.545.2921.8 |
| | Crimp contact | unmarked | 10.0 | 05.545.3021.8 |



| Adapter ring 40 mm | Name | Color | Part No. |
|---------------------------|---------------------|-------|---------------|
| | Adapter ring | black | 05.568.1853.0 |



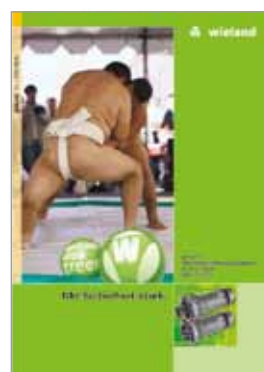
For fixing the device connector inside 40 mm knock-outs



Additional information about the complete connector range available in our brochures

0161.4 Safe and Strong

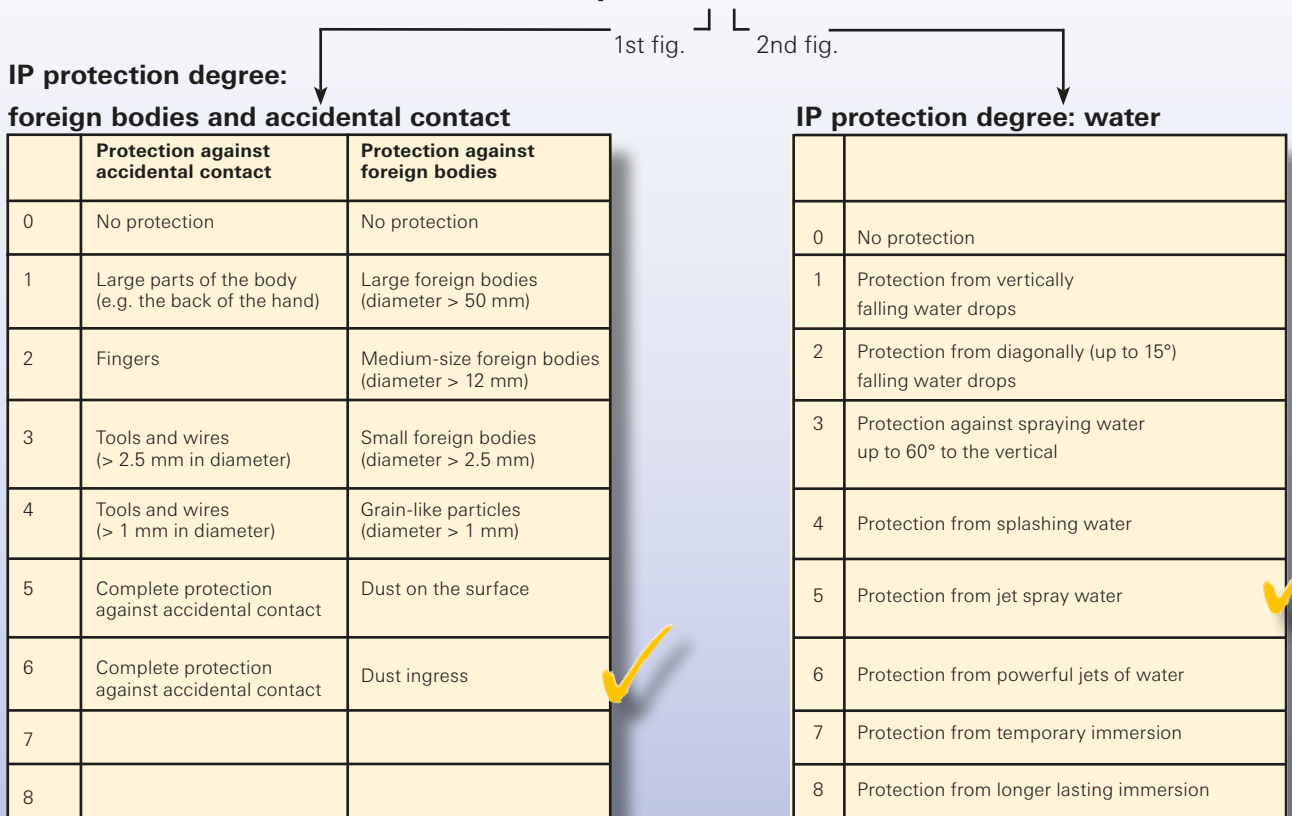
and in our eCat for direct ordering with further information, drawings, etc.



IP protection degrees (DIN EN 60529-1)

Documentation:

Example: IP65



gesis IP+:

Wieland offers an innovative installation system with a complete concept for economical installation in outdoor and industrial applications.

In many applications, electrical devices and systems must work safely under difficult environmental conditions for many years. For a reliable function ingress of water or foreign particles (such as dust, oil, and soot) into production systems, parking garages or outer premises must be avoided. Even an unplanned immersion is possible with the RST system within the scope of the specified degree of protection.

The system is not designed for continuous operation in water.

It is not possible to lay the components directly into the ground.

According to VDE0100-520 the connections must be protected mechanically in addition, and must be accessible for inspection, testing, and maintenance.

Also see the Installation Instructions.

Degree of protection achieved:

- IP 65** Jet water
- IP 66** Powerful jet water
- IP 67** Temporary submersion
- IP 68** Lasting immersion (2 hours in 3 m deep water)

Technical data in general

Degrees of protection and material resistance

Please contact us for applications under different conditions.

| | | | |
|--|---|--|---|
| UV light (use black-colored connectors!) | + | Motor oil (SAE 20W/55) | + |
| Oil and grease resistance | + | Nickel chloride | + |
| Aliphatic carbon hydride | + | Paraffin and paraffin derivates | + |
| Aromatic hydrocarbons | + | Phosphoric ester | + |
| Alcohols | + | Phthalic ester | + |
| Ammonia, water-free | + | Polyamide resin | + |
| Ammonium chloride (salmiac) | + | Polyester polyoles | + |
| Ammonium sulfate | + | Polyether polyoles | + |
| Barium chloride | + | Polyglycols | + |
| Beer | + | Polymeric softeners | + |
| Butter | + | Polyurethane resins | + |
| Butyl alcohol | + | Mercury | + |
| Calcium chloride, aqueous solution, 10% | + | Castor oil | + |
| Citric acid, hydrous solution, 10% | + | Salmiac | + |
| Ferric sulfide | + | Oxygen, RT | + |
| Ethyl ether | + | Lubricating oil (O-149), (not bunker oil, oil tankers) | + |
| Paint, varnish, not much sulfuric acid | + | Sulfur, wet | + |
| Fruit juice, fruit acid | + | Sulfuric acid (dilluted, RT) | + |
| Tannic acid | + | Sulfur hexafluoride | + |
| Glycerin | + | Sweat | + |
| Glysantine, hydrous solution, 40% | + | Sebacic acid ester | + |
| Potassium chloride | + | Spirits | + |
| Caustic potash solution, hydrous solution, 10% | + | Nitric acid (10%) | + |
| Sodium, hydrous solution, 10% | + | Hydrochloric acid (10%) | + |
| Linseed oil | + | Water, RT, free from chlorine up to 80°C | + |
| Milk | + | Water: sea water resistance, artificial, 20°C | + |
| Lactic acid, 20°C | + | Stannic chloride, 20°C, saturated | + |

RST long-term studies:

In addition to the tests required by the standard, a continuous test was performed over 14 months. During this time, the connectors were exposed to direct sunlight, frost and occasional flooding. For this purpose, the RST components were installed in an eaves gutter and monitored by a 30mA circuit breaker with the mains voltage applied. The following tests were performed in addition to the continuous test:

- Temperature change test (- 40°C to + 60°C)
- Installation of the connector at - 40°C

The complete test report can be ordered from our hotline using the phone number +49 9 51/93 24-9 96.



Electrical installations with increased degree of protection

Electrical outdoor installations are particularly tricky. Constant temperature changes, high UV radiation, high ozone values and not least mechanical wear leading to material fatigue, water ingress, and finally system failure.

What is crucial is the perfect interaction between the materials used and the very specific environmental conditions. While all connectors and distribution units are designed for continuous indoor and outdoor operation, the cables are clearly a different matter. Selection of the appropriate cable plays a major role for continuous operation of the installation.

By default, we offer the low-cost H05-VV cable, but its field of applications is restricted to indoor areas. This cable is not suitable for outdoor areas and constantly humid or wet rooms! The H05-VV cable is preferred for use indoors, where it is true that pollution occurs, but where it is normally not humid, let alone wet. Protection from foreign bodies (IP6X) is at the fore here. Temporary wetness for cleaning purposes, however, is allowed.

Outdoor installations without special demands can be implemented using H07 RN-F rubber-sheathed cables. However, it must be checked whether or not any additional action such as layout inside installation pipes is required. In this case the selection of the cable must be done in coordination with the customer.



H05VV-F PVC cable:

Use inside dry rooms, not outdoors, not directly in the ground.

Not UV-resistant.

Minimum bending radius:
4 x outside diameter.

Operating temperature: 70 °C



Installation instructions

A horizontal installation position is preferable in order to ensure that water drains off.

In accordance with installation regulation IEC 60364-5-52 (DIN VDE 0100-522.3) cable systems must be designed in such a way that damage caused by the ingress of water is avoided.

Cable systems must satisfy the required degree of protection. If water can accumulate or condensation of water may occur, provisions for water drainage must be made. This particularly applies to sealing points in the area of the strain relief.

If abrasion might occur (in flexible installations), wear of the pre-assembled cable must be taken into consideration and must be monitored.

Avoid bending of the cable in the area of the strain relief.

Control mechanical bending in the area of the strain relief using suitable measures (e.g. cable clamps).

Direct layout of the system components in the ground is not possible. According to VDE 0100-520, connectors must be protected using suitable additional facilities; they must be accessible for visual inspection, testing, and maintenance.

The connector system is not designed for continuous operation under water.

However, unplanned immersion is possible as foreseen by the specification.



H07RN-F rubber-sheathed cable:

Use inside dry, humid, and wet rooms, as well as outdoors, though not directly in the ground.

UV-resistant to a limited extent.

Minimum bending radius:

4 x outside diameter.

Operating temperature: 60 °C.



Technical data RST20i2...i5

| | RST 20i2/i3 | RST 25i3 | RST 20i4/i5 | RST 25i5 |
|-----------------|-------------|----------|-------------|----------|
| Rated voltage | 250V | 250V | 250/400V | 250/400V |
| Rated current | 20A | 32A | 20A | 25A |
| Number of poles | 2 or 3 pole | 3 pole | 4 or 5 pole | 5 pole |

Continuous operating temperature:

-40° C to +100° C
Cable H05VV max 70 °C, H07RN-F max. 60 °C

Material:

Contact parts: brass, surface-plated
Housing parts: thermoplastic material PA 66, halogen-free, V2
Sealing material: NBR

Regulations:

IEC 61535 (VDE 0606); DIN EN 61984 (VDE 0627); VDE 0110
IEC 60999: UL 2238; CSA: C22.2 No.182.2-M1987;
LR Type Approval System

Pollution degree:

3 (when plugged in)

Mating cycles:

according to IEC 61535
100 times without load and 50 times at rated load (cos φ = 0.6)

Approvals:

VDE; LR; GL; DNV; ATEX; CSA**; UL*(observe the conditions of acceptability)
* without pre-assembled cables with shrinkage tube technology and connectors with spring clamp technology
** without pre-assembled cables with shrinkage tube technology

Degree of protection:

IP 65, IP 66, IP 67, and IP 68 (3 m; 2 hours)
Please observe the Installation Instructions (see Installation Instructions)

IK code:

IK7 (2 Joule)

Glow-wire test 850° C, 30 s:

For connectors, distribution units, cable assemblies and device connectors

Coding:

Mechanical coding symbolized by color code. Gray and black with the same mechanical coding. Other codings are optional.

Note:

Protection against shock generally guaranteed even when disconnected. Ground conductor leading. Connection to the live cable must be with a female connector according to the regulations. It is therefore not possible to have a ring circuit arrangement. Only pluggable in the correct pole configuration; 1 pole cannot be connected. Contacts protected against strain on the cable. All components can be interlocked.

A locking device is required for IEC 6153 approval. DIN VDE 0606 T200 conformity does not automatically exclude the danger of confusion with third-party installation plug connector systems! Installation plug connector systems are no substitute for national plug/outlet systems for domestic use. IEC 60364-5-52 must be observed – see note under „Electrical installations with increased degree of protection“.

Wire preparation

RST 2 / 3 pole

Insulation strip lengths and ferrules

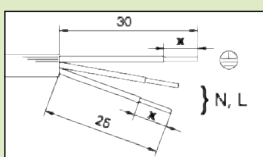
all lengths indicated in mm

Screw connection:

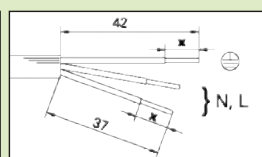


Screwdriver
PZ1
Rated torque:
0.8 – 1.0 Nm

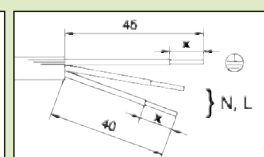
Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



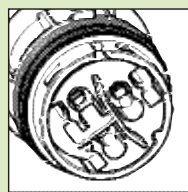
Splitter connector
max. 2 x 2.5 mm²!



Insulation strip length X =

| Conductor cross-section | 0.75 mm ² | 1.0 mm ² | 1.5 mm ² | 2.5 mm ² | 4 mm ² | AWG 12–18 |
|---------------------------|----------------------|---------------------|---------------------|---------------------|-------------------|-----------|
| solid | 8 | 8 | 8 | 8 | 8 | – |
| fine-stranded | 8 | 8 | 8 | 8 | 8 | – |
| stranded | 8 | 8 | 8 | 8 | 8 | 8 |
| ultrasonically compressed | 8 | 8 | 8 | 8 | 8 | – |

Spring clamp connection:

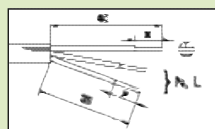


Fine-stranded and stranded wires

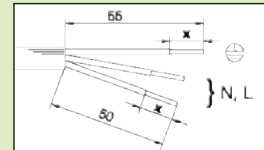


Ferrules required!

Connector



Splitter connector



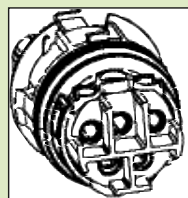
Insulation strip length X =

| Conductor cross-section | 0.5 mm ² | 0.75 mm ² | 1 mm ² | 1.5 mm ² | 2.5 mm ² |
|---------------------------|---------------------|----------------------|-------------------|---------------------|---------------------|
| solid | 14.5 + 1 | 14.5 + 1 | 14.5 + 1 | 14.5 + 1 | 14.5 + 1 |
| fine-stranded | 12.0 + 1 | 13.0 + 1 | 13.0 + 1 | 13.0 + 1 | |
| Ferrules according to DIN | 46228-E0.5-10 | 46228-E0.75-12 | 46228-E1.0-12 | 46228-E1.5-12 | |
| stranded | | 13.0 + 1 | 13.0 + 1 | 13.0 + 1 | |
| Ferrules according to DIN | | 46228-E0.75-12 | 46228-E1.0-12 | 46228-E1.5-12 | |
| ultrasonically compressed | | | | 14.5 + 1 | 14.5 + 1 |

RST 4 / 5 pole

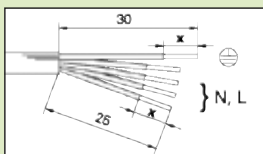
all lengths indicated in mm

Screw connection:

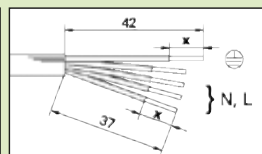


Screwdriver
PZ1
Rated torque:
0.5 – 0.7 Nm

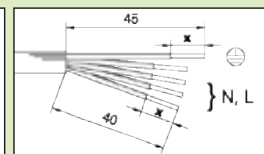
Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



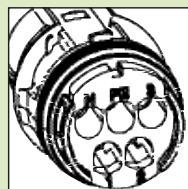
Splitter connector
max. 2 x 1.5 mm²!



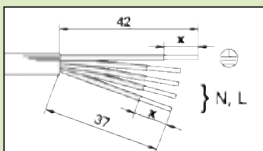
Insulation strip length X =

| Conductor cross-section | 0.75 mm ² | 1.0 mm ² | 1.5 mm ² | 2.5 mm ² | 4 mm ² | AWG 12–18 |
|---------------------------|----------------------|---------------------|---------------------|---------------------|-------------------|-----------|
| solid | 8 | 8 | 8 | 8 | 8 | – |
| fine-stranded | 8 | 8 | 8 | 8 | 8 | – |
| stranded | 8 | 8 | 8 | 8 | 8 | 8 |
| ultrasonically compressed | 8 | 8 | 8 | 8 | 8 | – |

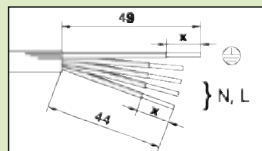
Crimp connection:



Connector
6 – 10 mm
10 – 14 mm



Connector
13 – 18 mm



Insulation strip length X =

| Conductor cross-section | 0.75 mm ² | 1.0 mm ² | 1.5 mm ² | 2.5 mm ² | 4 mm ² |
|-------------------------|----------------------|---------------------|---------------------|---------------------|-------------------|
| fine-stranded | 7.0 + 1 | 7.0 + 1 | 7.0 + 1 | 7.0 + 1 | 7.0 + 1 |

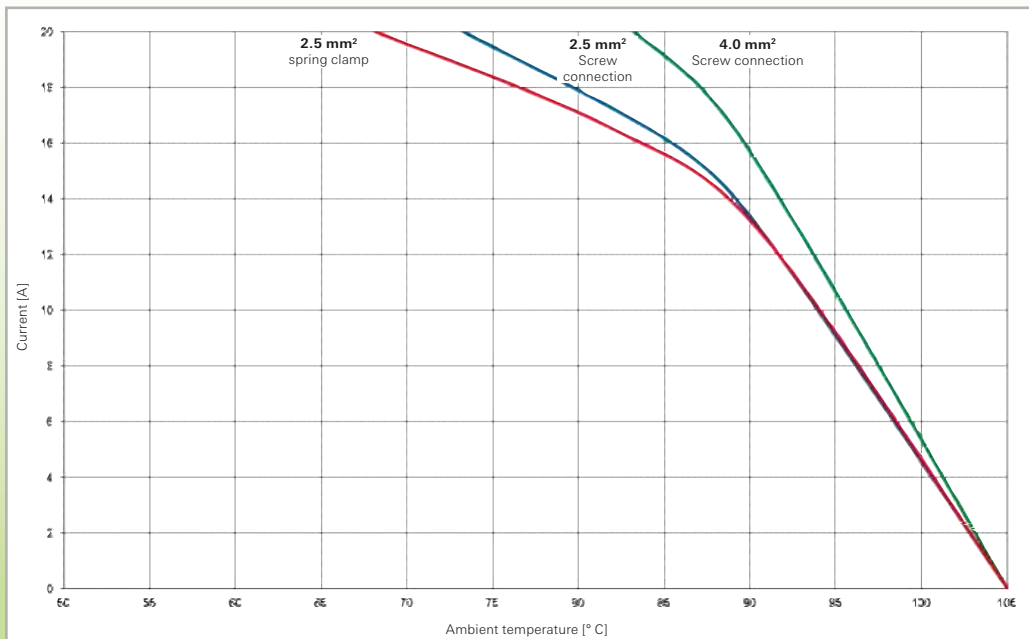


Technical data RST20i3 and RST 25i3. Derating curves.

RST 20i3

Screw connection – spring clamp connection

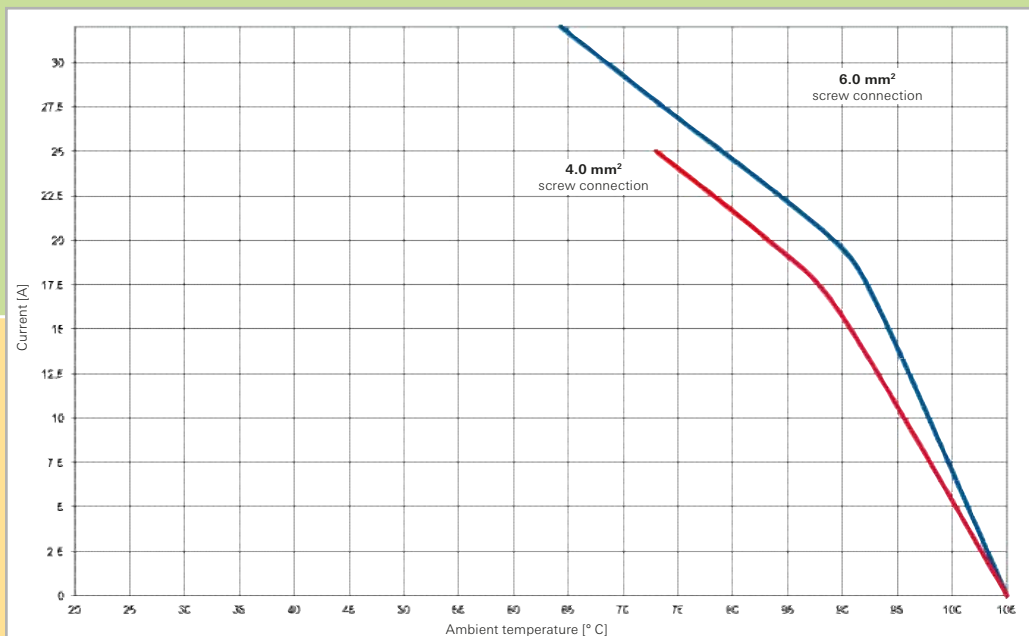
Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8



RST 25i3

Screw connection

Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8

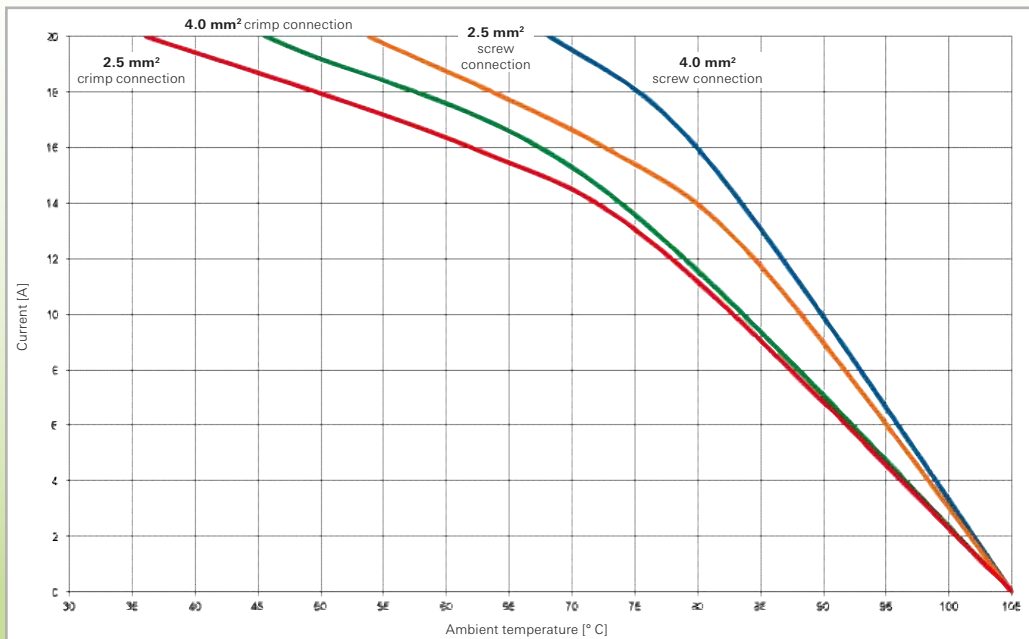


Technical data RST20i5 and RST25i5. Derating curves.

RST20i5

Screw connection – crimp connection

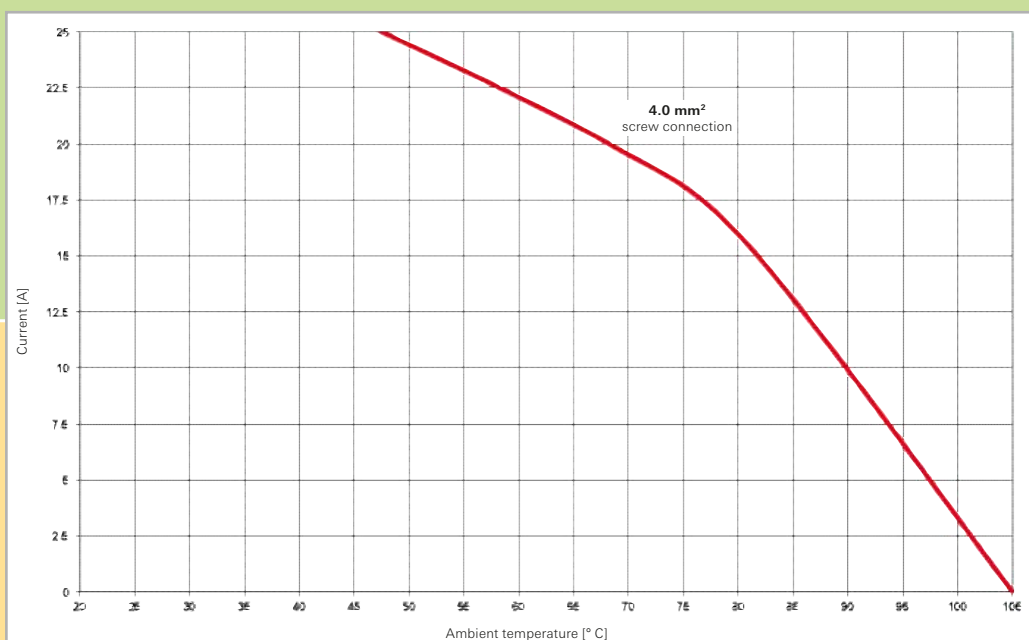
Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8



RST25i5

Screw connection

Derating curve according to IEC 61984 Edition 2 dated 10/2008 paragraph 7.3.8

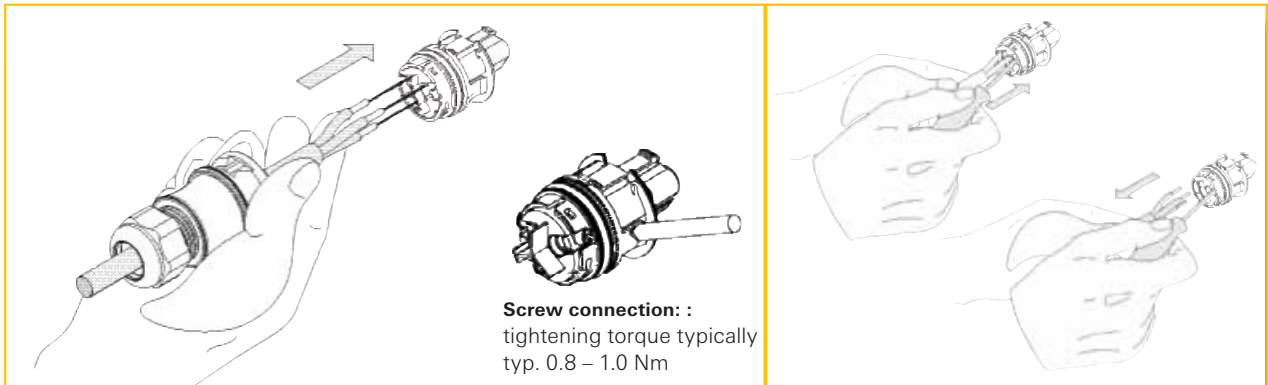


Mounting instructions RST20i2...i3

Connector mounting

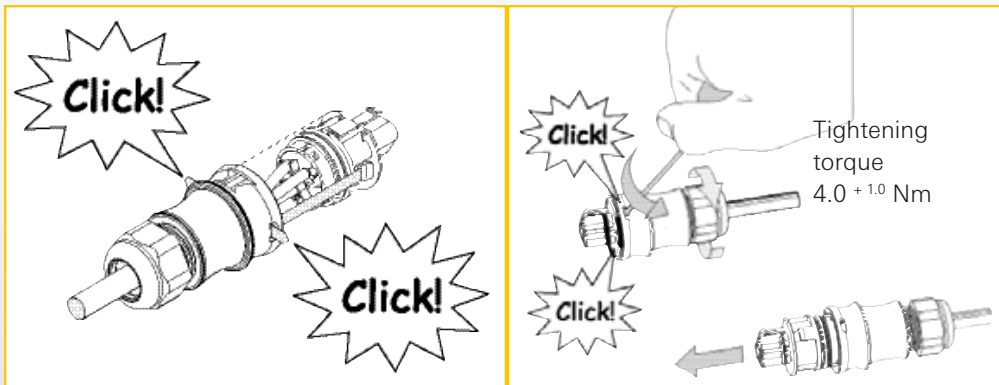
Connect the wires ...

... and disconnect them



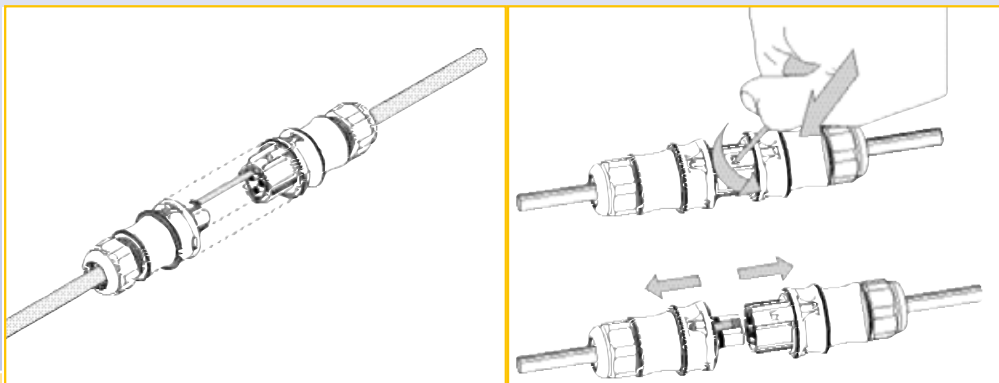
Close the connector ...

... and open it

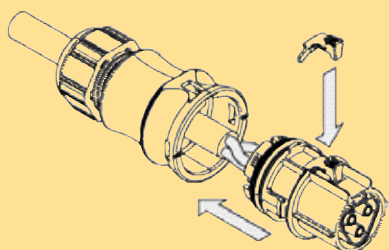


Lock the housing ...

... and unlock it



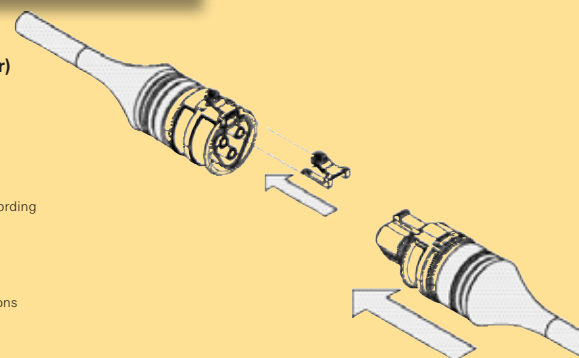
How to insert the (optional) manual disconnect into the connector
(only possible for the female connector)



The manual disconnect* can be used as an alternative and enables disconnecting without a tool.

* Note:
Connections with manual disconnect are not approved according to VDE 0606 (fixed installations, for example in buildings). The VDE 0627 regulation will still apply nevertheless. Also see the "Installation instructions"!

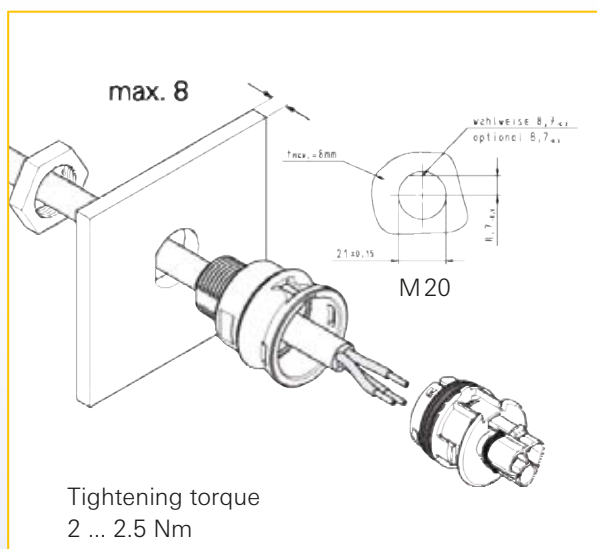
The descriptions on this page merely serve as an overview. For assembly and installation, only the installation instructions supplied together with the products are binding.



Housing installation

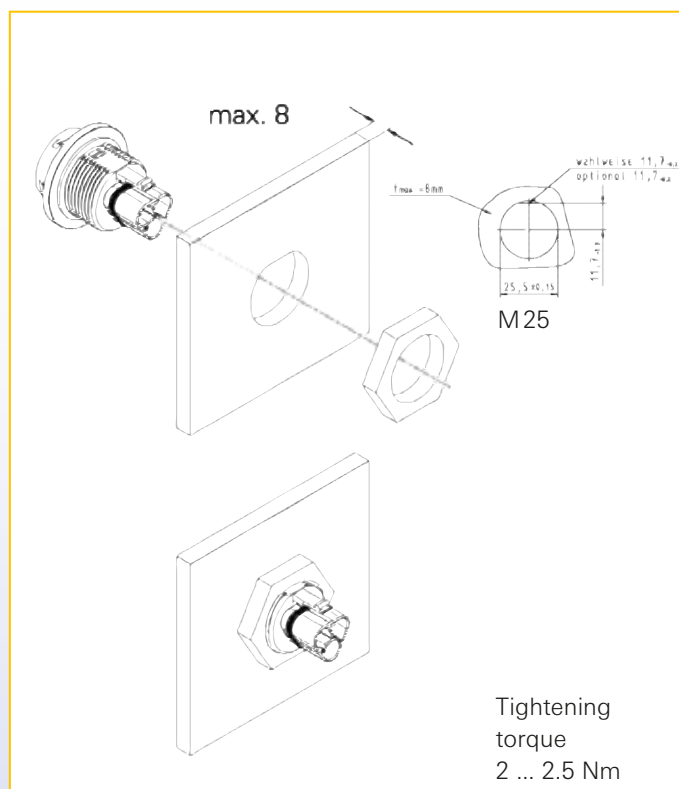
Installation of a standard system,
for M20 feed-through

Dimensions in mm



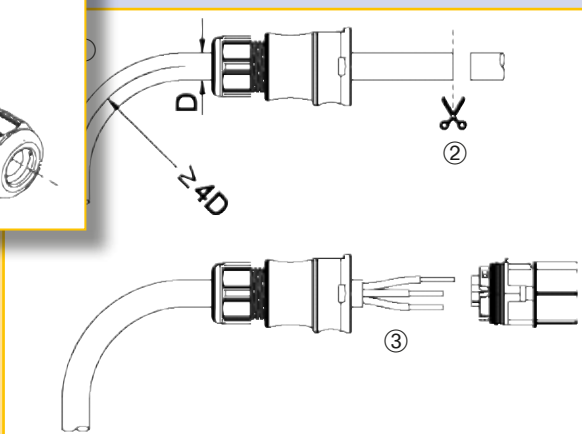
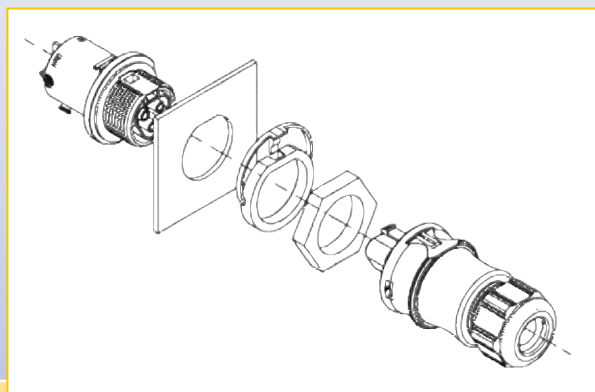
Installation of a standard system,
for M 25 feed-through

Dimensions in mm



Note:

Effectiveness of the protection against twisting can only be guaranteed when the lower tolerance limit is ensured for the diameter of the hole.



Bending radius (for conductors)

Note the minimum bending radius for conductors > 2.5 mm². Pull forces on the contact points can be avoided by proceeding as follows:

- ① Bend the wire as required
- ② Cut the wire to length
- ③ Strip the cable and wires

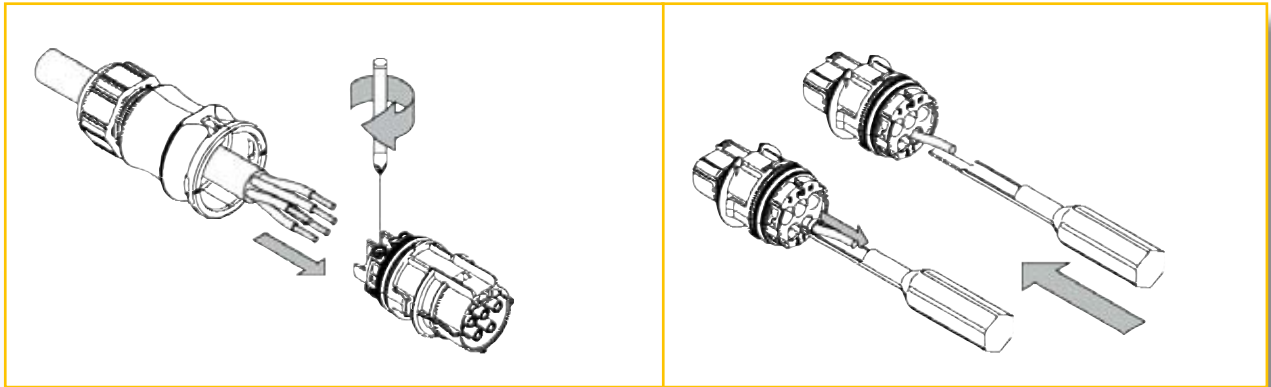


Mounting instructions RST20i4...i5

Connector mounting

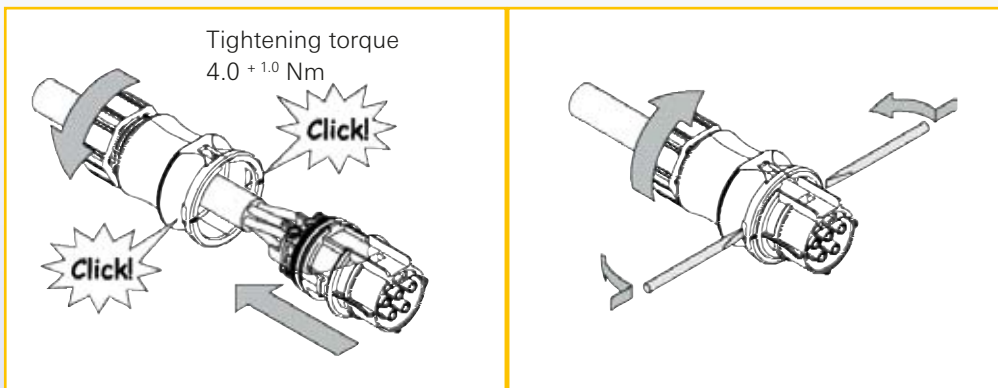
Connect the wires ...

... and disconnect them



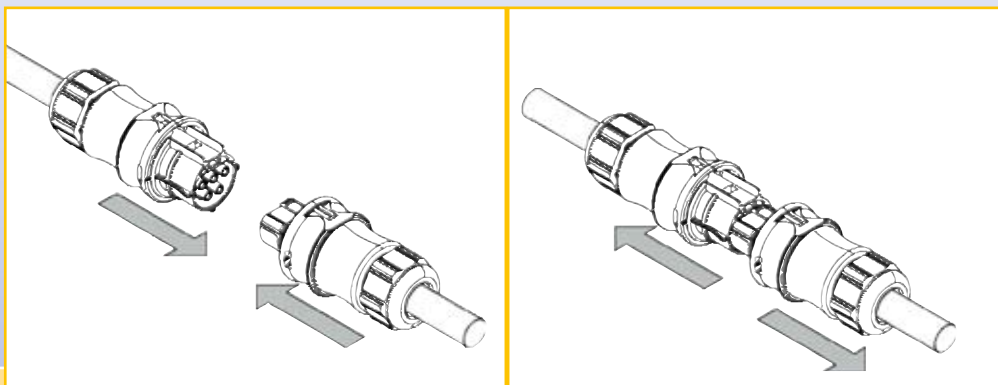
Close the connector ...

... and open it

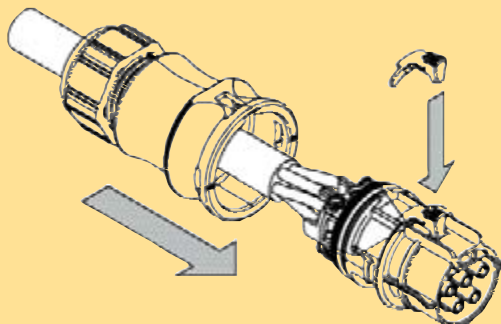


Lock the housing ...

... and unlock it



How to insert the (optional) manual disconnect into the connector
(only possible for the female connector)



The manual disconnect* can be used as an alternative and enables disconnecting without a tool.

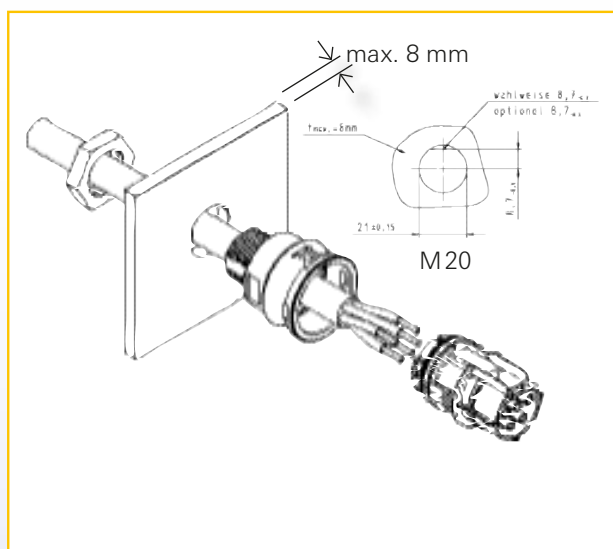
* Note:
Connections with manual disconnect are not approved according to VDE 0606 (fixed installations, for example in buildings). The VDE 0627 regulation will still apply nevertheless. Also see the "Installation instructions"!

The descriptions on this page merely serve as an overview. For assembly and installation only the installation instructions supplied together with the products are binding.

Housing installation

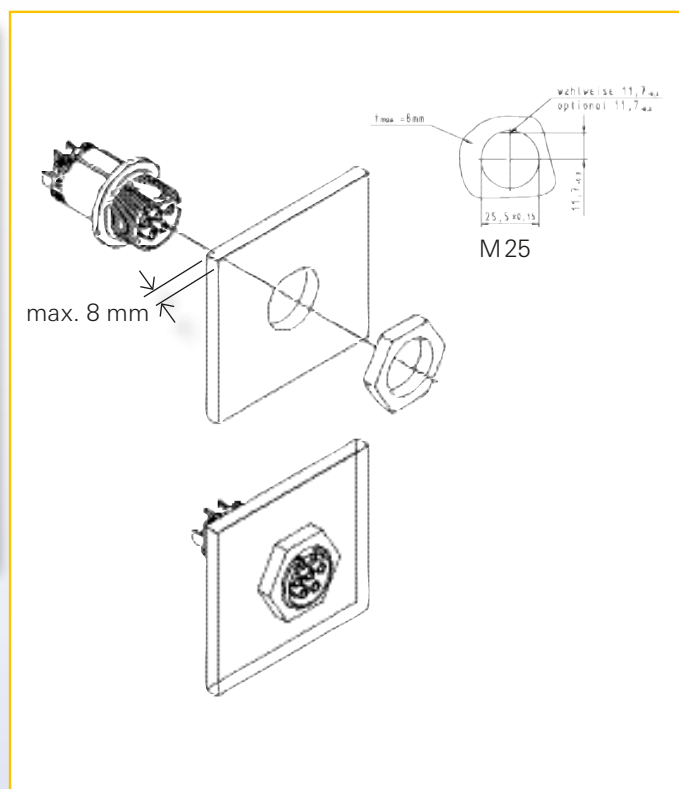
Installation of a standard system,
for M20 feed-through

Dimensions in mm



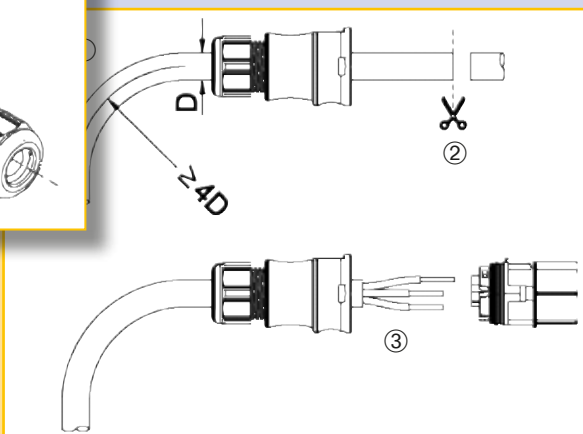
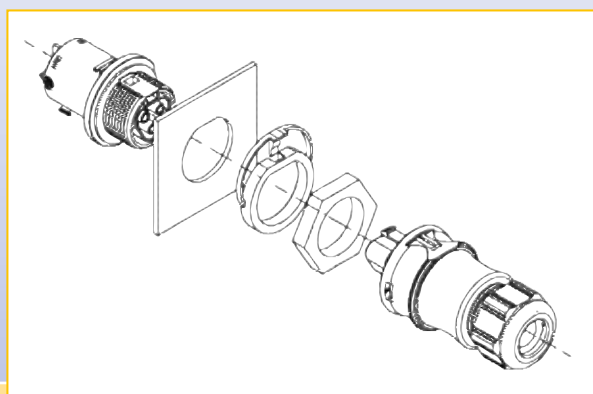
Installation of a standard system,
for M25 feed-through

Dimensions in mm



Note:

Effectiveness of the protection against twisting can only be guaranteed when the lower tolerance limit is ensured for the diameter of the hole.



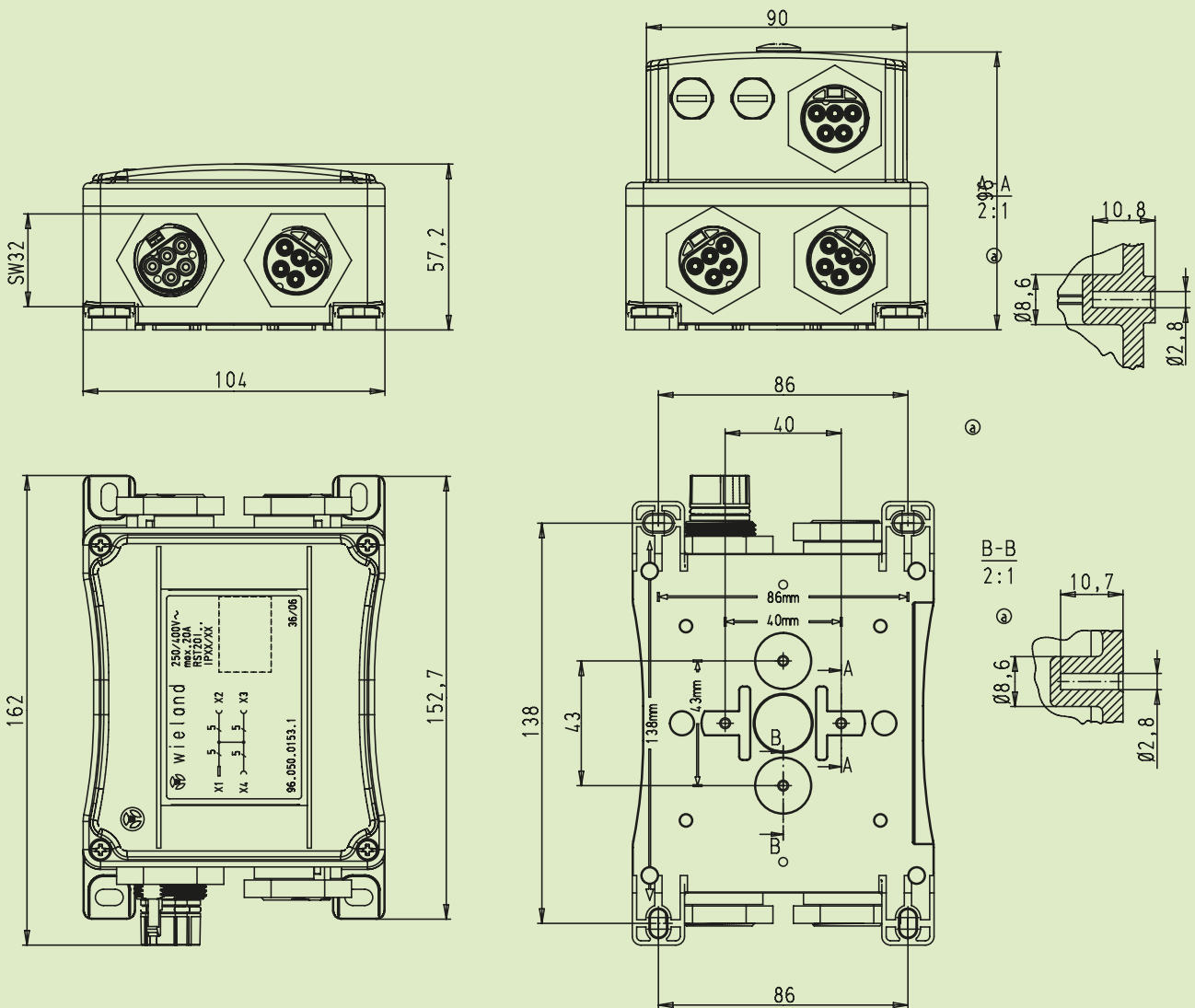
Bending radius (for conductors)

Note the minimum bending radius for conductors $> 2.5 \text{ mm}^2$. Pull forces on the contact points can be avoided by proceeding as follows:

- ① Bend the wire as required
- ② Cut the wire to length
- ③ Strip the cable and wires



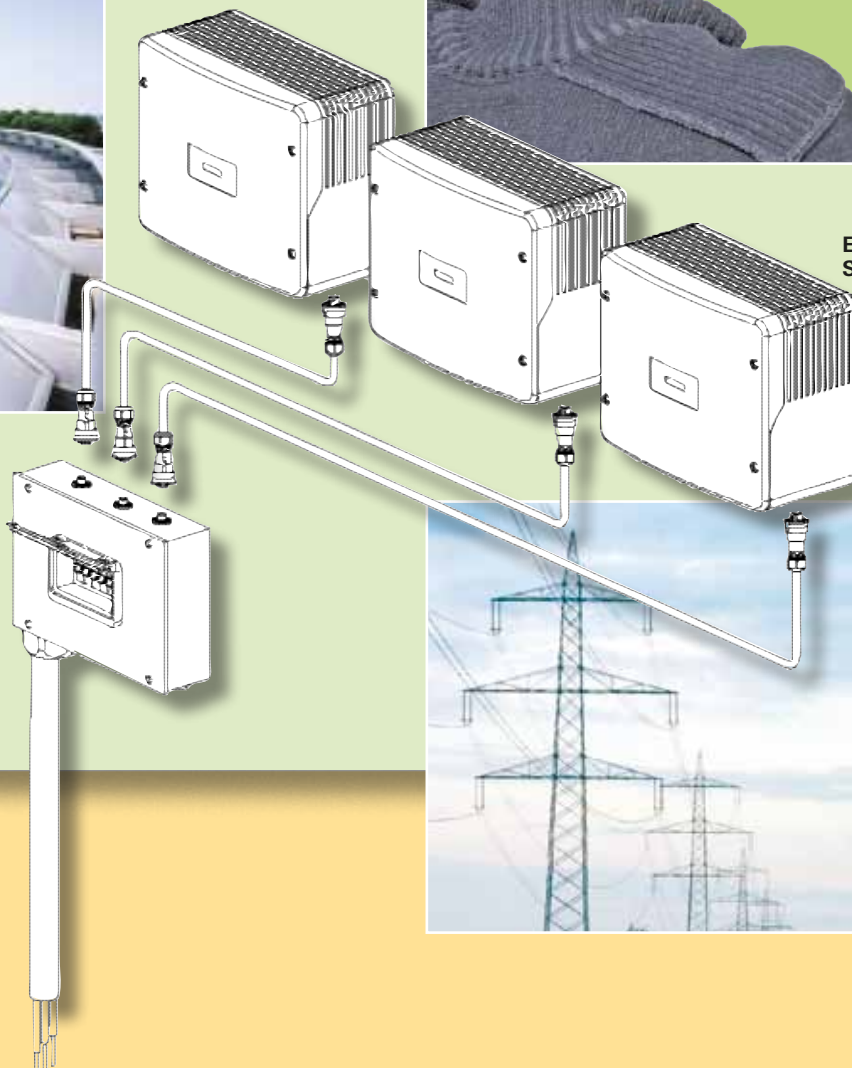
Technical data for RST compact and multi-distribution units



| | |
|--|---|
| Temperature range: | -40° C to +100° C |
| Operating ambient temperature: | under full load (20 A) 55° C |
| Material: | Contact parts: brass, silver-plated Housing parts: thermoplastic material PA 66, halogen-free, V2 Sealing material: NBR |
| Wiring: | Individual wires 2.5 mm ² , halogen-free (other cross-sections on request) |
| Regulations: | DIN VDE 0606 T200; DIN EN 61984 (VDE 0627); VDE 0110 IEC 60999 |
| Approvals: | VDE, UL, CSA being prepared |
| Degree of protection: | IP 65, IP 66, IP 67, and IP 68 (3m; 2 hours) $\hat{=}$ 0.3 bar |
| IK code: | IK 7 (2 Joule) |
| Rated voltage: | 250 V / 400 V |
| Rated current: | 20 A (25 A) |
| Coding: | Mechanical coding symbolized by color code. Gray and black with the same mechanical coding. Other codings are optional. |
| Note: | Touch protection generally guaranteed even when disconnected. Ground conductor leading. Connection to the live cable must be with a female connector according to the regulations. It is therefore not possible to create a ring circuit arrangement! Only pluggable in the correct pole configuration; 1 pole cannot be connected. Contacts protected against strain on the cable. All components can be interlocked. A locking device is required for IEC 6153 approval. DIN VDE 0606 T200 conformity does not automatically exclude the danger of confusion with third-party installation plug connector systems! Installation plug connector systems are no substitute for national plug/outlet systems for domestic use. |



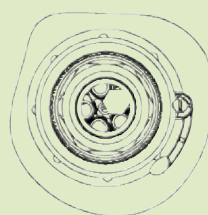
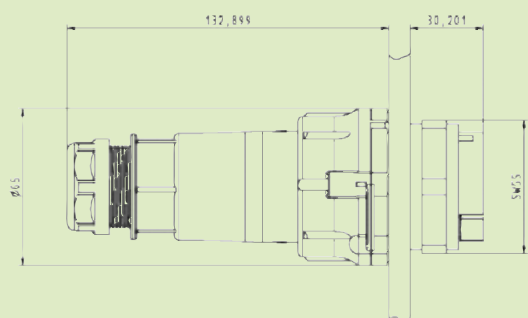
Technical data RST 50i4...i5.



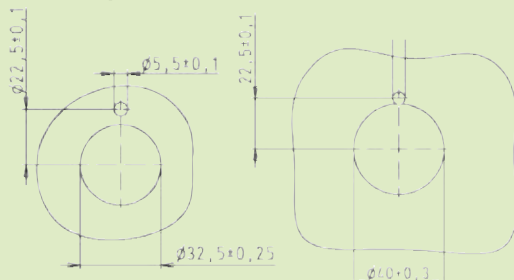
Convincing technology.

RST50i 4 pole/5 pole

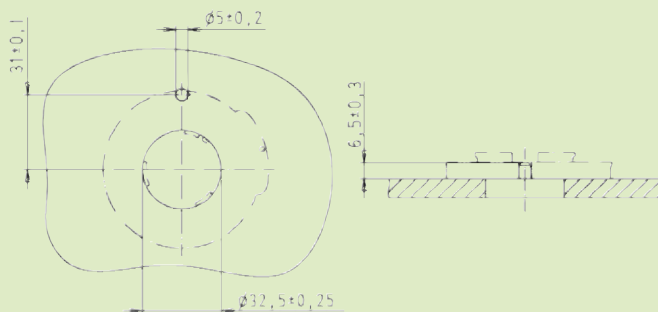
| | | |
|--------------------------|--|---------------|
| Rated voltage: | 250/400V | |
| Rated current: | 50A | |
| Rated cross-section: | rigid cables with 4.0 mm ² to 6.0 mm ² for plug connectors (up to 16 mm ² with device connectors) fine-stranded cables with 4.0 mm ² to 16.0 mm ² | |
| Number of poles: | 4 pole | 5 pole |
| Pole designation: | 1, 2, 3, ⊖ | 1, 2, 3, N, ⊖ |
| Material: | Contact parts: brass, surface-plated Housing parts: thermoplastic material PA 66, halogen-free, V2 Sealing material NBR, TPE | |
| Degree of protection: | IP65, IP66, IP67 | |
| Approvals: | VDE, UL, CSA being prepared | |
| Sheath strip length: | 70 mm | |
| Insulation strip length: | Screw 10 mm (crimp 11 mm) | |
| Torques: | Cable gland S34: 12 Nm; S42: 14 Nm | |



Hole pattern for M32 device connectors,
alternative M40 with adapter ring
(fixed in position)



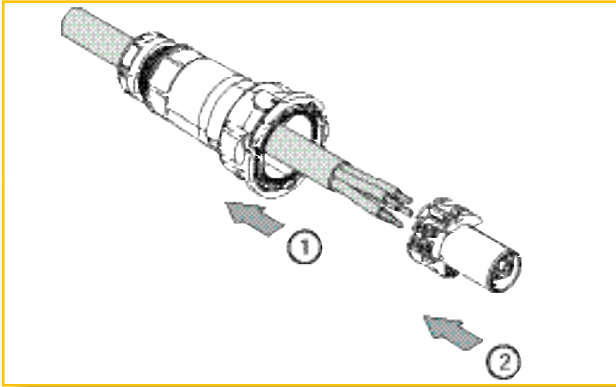
Alternative fixed in position (cams on the housing)



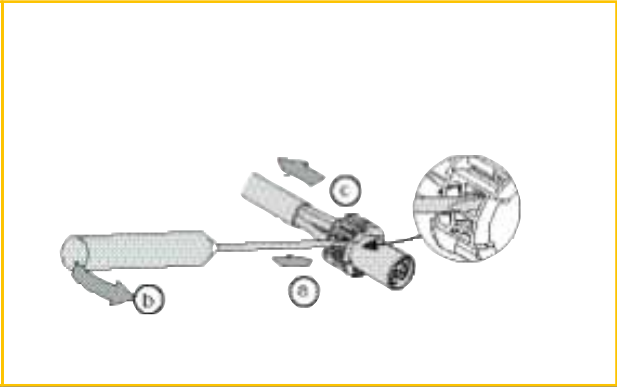
Mounting instructions RST 50i4...i5.

Connector mounting

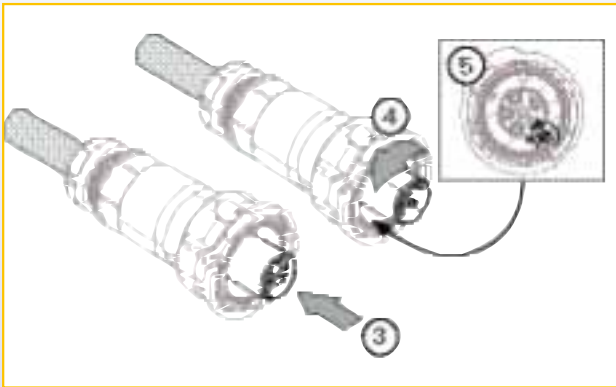
Connect the wires ...



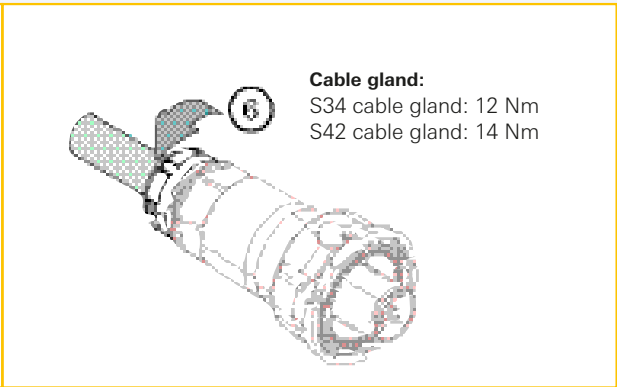
... disconnect the crimp contacts



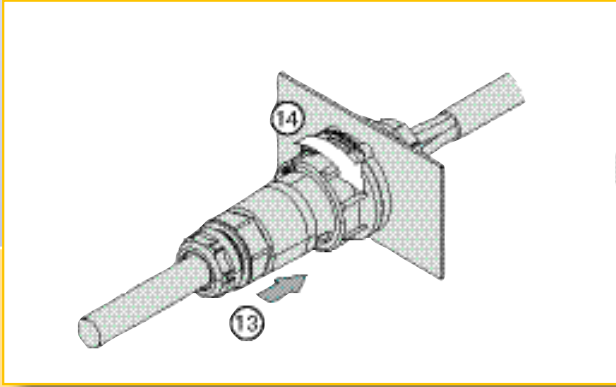
Secure the contact inserts ...



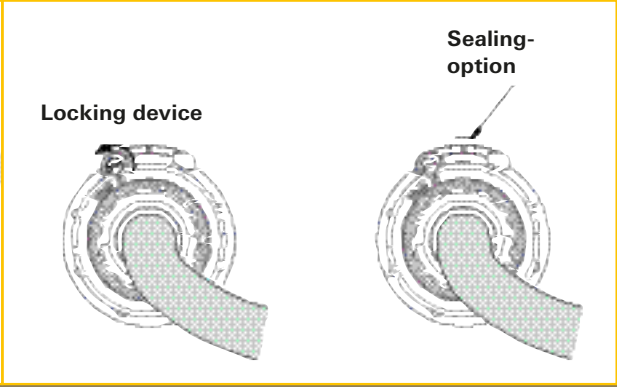
... tighten the cable gland



Bayonet lock ...

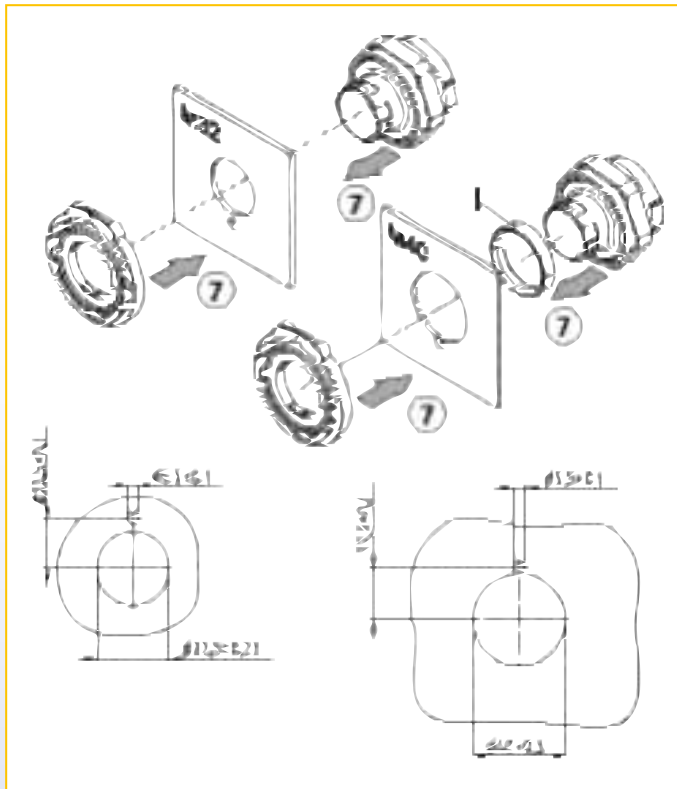


... and protection against unintentional disconnection

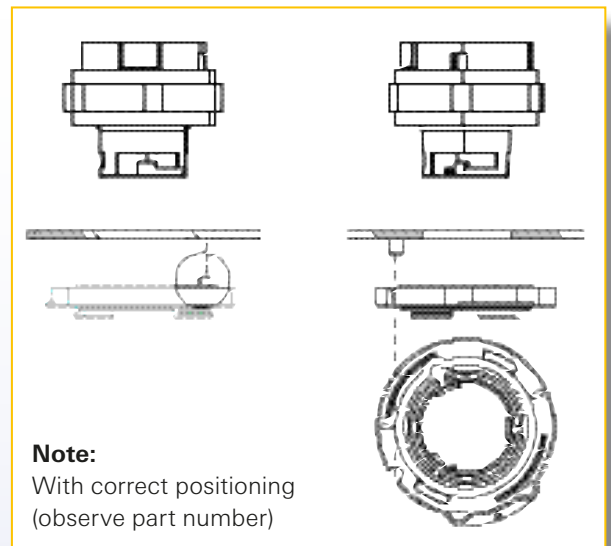


Housing installation

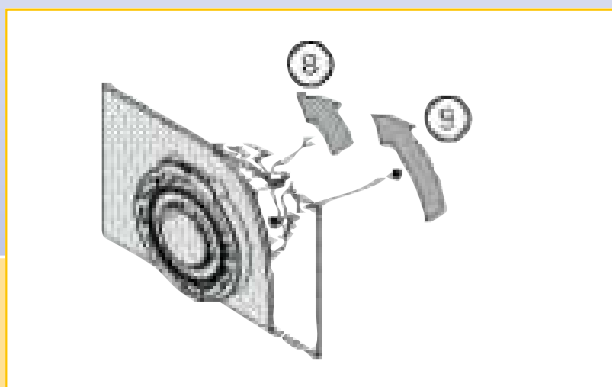
Mounting housing flange,
dimensions in mm



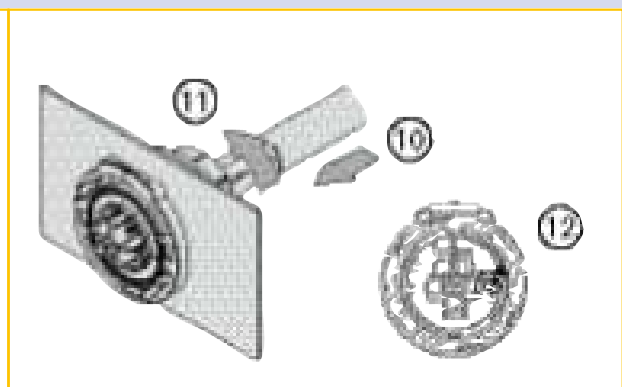
Positioning option



Latching the housing flange ...



... securing the contact insert



Index

| | | | | | | | | |
|---------------|--------------------|-----|---------------|--------------------|-----|---------------|---------|----|
| 01.006.1553.0 | RST20i2 | 44 | 83.020.0900.0 | Distribution units | 139 | 96.022.0053.1 | RST20i2 | 42 |
| 01.006.1553.0 | RST20i3 | 63 | 83.020.0901.0 | Distribution units | 139 | 96.022.0153.0 | RST20i2 | 42 |
| 01.006.1553.0 | RST20i4 | 87 | 83.020.0901.0 | Distribution units | 139 | 96.022.0153.1 | RST20i2 | 42 |
| 01.006.1553.0 | RST20i5 | 107 | 83.020.0902.0 | Distribution units | 139 | 96.022.0453.0 | RST20i2 | 42 |
| 01.006.1553.1 | RST20i2 | 44 | 83.020.0902.0 | Distribution units | 139 | 96.022.0453.1 | RST20i2 | 42 |
| 01.006.1553.1 | RST20i3 | 63 | 83.020.0903.0 | Distribution units | 139 | 96.022.0950.8 | RST20i2 | 42 |
| 01.006.1553.1 | RST20i4 | 87 | 83.020.0903.0 | Distribution units | 139 | 96.022.0951.4 | RST20i2 | 42 |
| 01.006.1553.1 | RST20i5 | 107 | 83.020.0904.0 | Distribution units | 138 | 96.022.1050.8 | RST20i2 | 45 |
| 02.125.5521.8 | RST20i4 | 101 | 83.020.0904.0 | Distribution units | 138 | 96.022.1051.4 | RST20i2 | 45 |
| 02.125.5521.8 | RST20i5 | 123 | 95.101.0800.0 | RST20i4 | 101 | 96.022.1053.0 | RST20i2 | 45 |
| 02.125.5521.8 | Accessories | 144 | 95.101.0800.0 | RST20i5 | 123 | 96.022.1053.1 | RST20i2 | 45 |
| 02.125.5621.8 | RST20i4 | 101 | 95.101.0800.0 | Accessories | 144 | 96.022.2051.4 | RST20i2 | 48 |
| 02.125.5621.8 | RST20i5 | 123 | 95.101.0800.0 | Accessories | 160 | 96.022.2053.0 | RST20i2 | 48 |
| 02.125.5621.8 | Accessories | 144 | 95.101.1300.0 | Accessories | 145 | 96.022.2053.1 | RST20i2 | 48 |
| 02.125.5721.8 | RST20i4 | 101 | 96.020.0150.8 | RST20i2 | 56 | 96.022.2150.8 | RST20i2 | 46 |
| 02.125.5721.8 | RST20i5 | 123 | 96.020.0151.4 | RST20i2 | 56 | 96.022.2151.4 | RST20i2 | 46 |
| 02.125.5721.8 | Accessories | 144 | 96.020.0153.0 | RST20i2 | 56 | 96.022.2153.0 | RST20i2 | 46 |
| 02.125.5821.8 | RST20i4 | 101 | 96.020.0153.1 | RST20i2 | 56 | 96.022.2153.1 | RST20i2 | 46 |
| 02.125.5821.8 | RST20i5 | 123 | 96.020.0250.8 | RST20i2 | 56 | 96.022.4050.8 | RST20i2 | 42 |
| 02.125.5821.8 | Accessories | 144 | 96.020.0251.4 | RST20i2 | 56 | 96.022.4051.4 | RST20i2 | 42 |
| 02.126.0621.8 | Accessories | 161 | 96.020.0253.0 | RST20i2 | 56 | 96.022.4053.0 | RST20i2 | 42 |
| 02.126.0721.8 | Accessories | 161 | 96.020.0253.1 | RST20i2 | 56 | 96.022.4053.1 | RST20i2 | 42 |
| 02.126.0821.8 | Accessories | 161 | 96.021.0050.8 | RST20i2 | 42 | 96.022.4153.0 | RST20i2 | 42 |
| 05.502.2100.0 | RST20i4 | 101 | 96.021.0051.4 | RST20i2 | 42 | 96.022.4153.1 | RST20i2 | 42 |
| 05.502.2100.0 | RST20i5 | 123 | 96.021.0053.0 | RST20i2 | 42 | 96.022.4453.0 | RST20i2 | 42 |
| 05.502.2100.0 | Accessories | 144 | 96.021.0053.1 | RST20i2 | 42 | 96.022.4453.1 | RST20i2 | 42 |
| 05.502.2300.0 | Accessories | 160 | 96.021.0153.0 | RST20i2 | 42 | 96.022.4950.8 | RST20i2 | 42 |
| 05.502.3500.0 | RST20i4 | 101 | 96.021.0153.1 | RST20i2 | 42 | 96.022.4951.4 | RST20i2 | 42 |
| 05.502.3500.0 | RST20i5 | 123 | 96.021.0251.4 | RST20i2 | 44 | 96.022.5050.8 | RST20i2 | 45 |
| 05.502.3500.0 | Accessories | 144 | 96.021.0253.0 | RST20i2 | 44 | 96.022.5051.4 | RST20i2 | 45 |
| 05.502.3600.0 | RST20i4 | 101 | 96.021.0253.1 | RST20i2 | 44 | 96.022.5053.0 | RST20i2 | 45 |
| 05.502.3600.0 | RST20i5 | 123 | 96.021.0351.4 | RST20i2 | 44 | 96.022.5053.1 | RST20i2 | 45 |
| 05.502.3600.0 | Accessories | 144 | 96.021.0353.0 | RST20i2 | 44 | 96.022.6050.8 | RST20i2 | 48 |
| 05.502.3700.0 | Accessories | 160 | 96.021.0353.1 | RST20i2 | 44 | 96.022.6051.4 | RST20i2 | 48 |
| 05.545.0021.8 | RST20i4 | 101 | 96.021.0453.0 | RST20i2 | 42 | 96.022.6053.0 | RST20i2 | 48 |
| 05.545.0021.8 | RST20i5 | 123 | 96.021.0453.1 | RST20i2 | 42 | 96.022.6053.1 | RST20i2 | 48 |
| 05.545.0021.8 | Accessories | 144 | 96.021.0950.8 | RST20i2 | 42 | 96.022.6150.8 | RST20i2 | 46 |
| 05.545.0121.8 | RST20i4 | 101 | 96.021.0951.4 | RST20i2 | 42 | 96.022.6151.4 | RST20i2 | 46 |
| 05.545.0121.8 | RST20i5 | 123 | 96.021.1050.8 | RST20i2 | 45 | 96.022.6153.0 | RST20i2 | 46 |
| 05.545.0121.8 | Accessories | 144 | 96.021.1051.4 | RST20i2 | 45 | 96.022.6153.1 | RST20i2 | 46 |
| 05.545.0221.8 | RST20i4 | 101 | 96.021.1053.0 | RST20i2 | 45 | 96.023.0050.8 | RST20i2 | 43 |
| 05.545.0221.8 | RST20i5 | 123 | 96.021.1053.1 | RST20i2 | 45 | 96.023.0051.4 | RST20i2 | 43 |
| 05.545.0221.8 | Accessories | 144 | 96.021.2051.4 | RST20i2 | 48 | 96.023.0053.0 | RST20i2 | 43 |
| 05.545.0321.8 | RST20i4 | 101 | 96.021.2053.0 | RST20i2 | 48 | 96.023.0053.1 | RST20i2 | 43 |
| 05.545.0321.8 | RST20i5 | 123 | 96.021.2053.1 | RST20i2 | 48 | 96.023.0153.0 | RST20i2 | 43 |
| 05.545.0321.8 | Accessories | 144 | 96.021.2150.8 | RST20i2 | 46 | 96.023.0153.1 | RST20i2 | 43 |
| 05.545.2821.8 | Accessories | 161 | 96.021.2151.4 | RST20i2 | 46 | 96.023.0453.0 | RST20i2 | 43 |
| 05.545.2921.8 | Accessories | 161 | 96.021.2153.0 | RST20i2 | 46 | 96.023.0453.1 | RST20i2 | 43 |
| 05.545.3021.8 | Accessories | 161 | 96.021.2153.1 | RST20i2 | 46 | 96.023.0950.8 | RST20i2 | 43 |
| 05.564.4453.0 | RST20i2 | 51 | 96.021.4050.8 | RST20i2 | 42 | 96.023.0951.4 | RST20i2 | 43 |
| 05.564.4453.0 | RST20i3 | 75 | 96.021.4051.4 | RST20i2 | 42 | 96.023.2050.8 | RST20i2 | 49 |
| 05.564.4453.0 | Accessories | 142 | 96.021.4053.0 | RST20i2 | 42 | 96.023.2051.4 | RST20i2 | 49 |
| 05.564.4453.1 | RST20i2 | 51 | 96.021.4053.1 | RST20i2 | 42 | 96.023.2053.0 | RST20i2 | 49 |
| 05.564.4453.1 | RST20i3 | 75 | 96.021.4153.0 | RST20i2 | 42 | 96.023.2053.1 | RST20i2 | 49 |
| 05.564.4453.1 | Accessories | 142 | 96.021.4153.1 | RST20i2 | 42 | 96.023.2250.8 | RST20i2 | 50 |
| 05.564.8653.1 | Accessories | 143 | 96.021.4251.4 | RST20i2 | 44 | 96.023.2251.4 | RST20i2 | 50 |
| 05.564.8653.3 | Accessories | 143 | 96.021.4253.0 | RST20i2 | 44 | 96.023.2253.0 | RST20i2 | 50 |
| 05.564.8653.7 | Accessories | 143 | 96.021.4253.1 | RST20i2 | 44 | 96.023.2253.1 | RST20i2 | 50 |
| 05.565.8653.1 | Accessories | 143 | 96.021.4351.4 | RST20i2 | 44 | 96.023.4050.8 | RST20i2 | 43 |
| 05.565.8653.3 | Accessories | 143 | 96.021.4353.0 | RST20i2 | 44 | 96.023.4051.4 | RST20i2 | 43 |
| 05.565.8653.7 | Accessories | 143 | 96.021.4353.1 | RST20i2 | 44 | 96.023.4053.0 | RST20i2 | 43 |
| 05.565.9953.0 | RST20i4 | 100 | 96.021.4453.0 | RST20i2 | 42 | 96.023.4053.1 | RST20i2 | 43 |
| 05.565.9953.0 | RST20i5 | 122 | 96.021.4453.1 | RST20i2 | 42 | 96.023.4153.0 | RST20i2 | 43 |
| 05.565.9953.0 | Accessories | 142 | 96.021.4950.8 | RST20i2 | 42 | 96.023.4153.1 | RST20i2 | 43 |
| 05.565.9953.1 | RST20i4 | 100 | 96.021.4951.4 | RST20i2 | 42 | 96.023.4453.0 | RST20i2 | 43 |
| 05.565.9953.1 | RST20i5 | 122 | 96.021.5050.8 | RST20i2 | 45 | 96.023.4453.1 | RST20i2 | 43 |
| 05.565.9953.1 | Accessories | 142 | 96.021.5051.4 | RST20i2 | 45 | 96.023.4950.8 | RST20i2 | 43 |
| 05.566.5253.0 | Accessories | 143 | 96.021.5053.0 | RST20i2 | 45 | 96.023.4951.4 | RST20i2 | 43 |
| 05.566.5253.1 | Accessories | 143 | 96.021.5053.1 | RST20i2 | 45 | 96.023.6050.8 | RST20i2 | 49 |
| 05.568.1853.0 | Accessories | 161 | 96.021.6050.8 | RST20i2 | 48 | 96.023.6051.4 | RST20i2 | 49 |
| 05.568.8853.0 | Accessories | 143 | 96.021.6051.4 | RST20i2 | 48 | 96.023.6053.0 | RST20i2 | 49 |
| 05.568.8853.1 | Accessories | 143 | 96.021.6053.0 | RST20i2 | 48 | 96.023.6053.1 | RST20i2 | 49 |
| 06.502.4300.0 | Accessories | 145 | 96.021.6053.1 | RST20i2 | 48 | 96.023.6250.8 | RST20i2 | 50 |
| 06.600.3627.0 | Accessories | 145 | 96.021.6150.8 | RST20i2 | 46 | 96.023.6251.4 | RST20i2 | 50 |
| 06.600.3727.0 | Accessories | 145 | 96.021.6151.4 | RST20i2 | 46 | 96.023.6253.0 | RST20i2 | 50 |
| 06.600.3827.0 | Accessories | 145 | 96.021.6153.0 | RST20i2 | 46 | 96.023.6253.1 | RST20i2 | 50 |
| 06.600.3927.0 | Accessories | 145 | 96.021.6153.1 | RST20i2 | 46 | 96.024.0050.8 | RST20i2 | 43 |
| 83.020.0505.0 | Distribution units | 138 | 96.022.0050.8 | RST20i2 | 42 | 96.024.0051.4 | RST20i2 | 43 |
| 83.020.0505.0 | Distribution units | 138 | 96.022.0051.4 | RST20i2 | 42 | 96.024.0053.0 | RST20i2 | 43 |
| 83.020.0900.0 | Distribution units | 139 | 96.022.0053.0 | RST20i2 | 42 | 96.024.0053.1 | RST20i2 | 43 |

| | | | | | | | | |
|---------------|---------|-----|---------------|---------|-----|---------------|---------|----|
| 96.056.6153.0 | RST20i5 | 111 | 96.152.0053.6 | RST20i5 | 104 | 96.222.1004.1 | RST20i2 | 52 |
| 96.056.6153.1 | RST20i5 | 111 | 96.152.0053.9 | RST20i5 | 104 | 96.222.1007.4 | RST20i2 | 52 |
| 96.056.6153.9 | RST20i5 | 111 | 96.152.0151.4 | RST20i5 | 104 | 96.222.1008.4 | RST20i2 | 52 |
| 96.141.0053.0 | RST20i4 | 84 | 96.152.0153.0 | RST20i5 | 104 | 96.222.1030.1 | RST20i2 | 53 |
| 96.141.0053.1 | RST20i4 | 84 | 96.152.0153.1 | RST20i5 | 104 | 96.222.1032.4 | RST20i2 | 53 |
| 96.141.0153.0 | RST20i4 | 84 | 96.152.0153.6 | RST20i5 | 104 | 96.222.1033.1 | RST20i2 | 53 |
| 96.141.0153.1 | RST20i4 | 84 | 96.152.0153.9 | RST20i5 | 104 | 96.222.1034.1 | RST20i2 | 53 |
| 96.141.0553.0 | RST20i4 | 86 | 96.152.0551.4 | RST20i5 | 106 | 96.222.1037.4 | RST20i2 | 53 |
| 96.141.0553.1 | RST20i4 | 86 | 96.152.0553.0 | RST20i5 | 106 | 96.222.1038.4 | RST20i2 | 53 |
| 96.141.1053.0 | RST20i4 | 88 | 96.152.0553.1 | RST20i5 | 106 | 96.222.1092.4 | RST20i2 | 54 |
| 96.141.1053.1 | RST20i4 | 88 | 96.152.0553.6 | RST20i5 | 106 | 96.222.1092.8 | RST20i2 | 54 |
| 96.141.2053.0 | RST20i4 | 89 | 96.152.0553.9 | RST20i5 | 106 | 96.222.1097.4 | RST20i2 | 54 |
| 96.141.2053.1 | RST20i4 | 89 | 96.152.1051.4 | RST20i5 | 108 | 96.222.1097.8 | RST20i2 | 54 |
| 96.141.2153.0 | RST20i4 | 90 | 96.152.1053.0 | RST20i5 | 108 | 96.222.1098.4 | RST20i2 | 54 |
| 96.141.2153.1 | RST20i4 | 90 | 96.152.1053.1 | RST20i5 | 108 | 96.222.1098.8 | RST20i2 | 54 |
| 96.142.0053.0 | RST20i4 | 84 | 96.152.1053.6 | RST20i5 | 108 | 96.222.2000.1 | RST20i2 | 52 |
| 96.142.0053.1 | RST20i4 | 84 | 96.152.1053.9 | RST20i5 | 108 | 96.222.2002.4 | RST20i2 | 52 |
| 96.142.0153.0 | RST20i4 | 84 | 96.152.2051.4 | RST20i5 | 109 | 96.222.2003.1 | RST20i2 | 52 |
| 96.142.0153.1 | RST20i4 | 84 | 96.152.2053.0 | RST20i5 | 109 | 96.222.2004.1 | RST20i2 | 52 |
| 96.142.0553.0 | RST20i4 | 86 | 96.152.2053.1 | RST20i5 | 109 | 96.222.2007.4 | RST20i2 | 52 |
| 96.142.0553.1 | RST20i4 | 86 | 96.152.2053.6 | RST20i5 | 109 | 96.222.2008.4 | RST20i2 | 52 |
| 96.142.1053.0 | RST20i4 | 88 | 96.152.2053.9 | RST20i5 | 109 | 96.222.2030.1 | RST20i2 | 53 |
| 96.142.1053.1 | RST20i4 | 88 | 96.152.2151.4 | RST20i5 | 110 | 96.222.2032.4 | RST20i2 | 53 |
| 96.142.2053.0 | RST20i4 | 89 | 96.152.2153.0 | RST20i5 | 110 | 96.222.2033.1 | RST20i2 | 53 |
| 96.142.2053.1 | RST20i4 | 89 | 96.152.2153.1 | RST20i5 | 110 | 96.222.2034.1 | RST20i2 | 53 |
| 96.142.2153.0 | RST20i4 | 90 | 96.152.2153.6 | RST20i5 | 110 | 96.222.2037.4 | RST20i2 | 53 |
| 96.142.2153.1 | RST20i4 | 90 | 96.152.2153.9 | RST20i5 | 110 | 96.222.2038.4 | RST20i2 | 53 |
| 96.143.0053.0 | RST20i4 | 85 | 96.153.0051.4 | RST20i5 | 105 | 96.222.2092.4 | RST20i2 | 54 |
| 96.143.0053.1 | RST20i4 | 85 | 96.153.0053.0 | RST20i5 | 105 | 96.222.2092.8 | RST20i2 | 54 |
| 96.143.0153.0 | RST20i4 | 85 | 96.153.0053.1 | RST20i5 | 105 | 96.222.2097.4 | RST20i2 | 54 |
| 96.143.0153.1 | RST20i4 | 85 | 96.153.0053.6 | RST20i5 | 105 | 96.222.2097.8 | RST20i2 | 54 |
| 96.143.2053.0 | RST20i4 | 92 | 96.153.0053.9 | RST20i5 | 105 | 96.222.2098.4 | RST20i2 | 54 |
| 96.143.2053.1 | RST20i4 | 92 | 96.153.0151.4 | RST20i5 | 105 | 96.222.2098.8 | RST20i2 | 54 |
| 96.143.2253.0 | RST20i4 | 93 | 96.153.0153.0 | RST20i5 | 105 | 96.222.3000.1 | RST20i2 | 52 |
| 96.143.2253.1 | RST20i4 | 93 | 96.153.0153.1 | RST20i5 | 105 | 96.222.3002.4 | RST20i2 | 52 |
| 96.144.0053.0 | RST20i4 | 85 | 96.153.0153.6 | RST20i5 | 105 | 96.222.3003.1 | RST20i2 | 52 |
| 96.144.0053.1 | RST20i4 | 85 | 96.153.0153.9 | RST20i5 | 105 | 96.222.3004.1 | RST20i2 | 52 |
| 96.144.0153.0 | RST20i4 | 85 | 96.153.2051.4 | RST20i5 | 112 | 96.222.3007.4 | RST20i2 | 52 |
| 96.144.0153.1 | RST20i4 | 85 | 96.153.2053.0 | RST20i5 | 112 | 96.222.3008.4 | RST20i2 | 52 |
| 96.144.2053.0 | RST20i4 | 92 | 96.153.2053.1 | RST20i5 | 112 | 96.222.3030.1 | RST20i2 | 53 |
| 96.144.2053.1 | RST20i4 | 92 | 96.153.2053.6 | RST20i5 | 112 | 96.222.3032.4 | RST20i2 | 53 |
| 96.144.2253.0 | RST20i4 | 93 | 96.153.2053.9 | RST20i5 | 112 | 96.222.3033.1 | RST20i2 | 53 |
| 96.144.2253.1 | RST20i4 | 93 | 96.153.2251.4 | RST20i5 | 113 | 96.222.3034.1 | RST20i2 | 53 |
| 96.145.2153.0 | RST20i4 | 91 | 96.153.2253.0 | RST20i5 | 113 | 96.222.3037.4 | RST20i2 | 53 |
| 96.145.2153.1 | RST20i4 | 91 | 96.153.2253.1 | RST20i5 | 113 | 96.222.3038.4 | RST20i2 | 53 |
| 96.146.2153.0 | RST20i4 | 91 | 96.153.2253.6 | RST20i5 | 113 | 96.222.3092.4 | RST20i2 | 54 |
| 96.146.2153.1 | RST20i4 | 91 | 96.153.2253.9 | RST20i5 | 113 | 96.222.3092.8 | RST20i2 | 54 |
| 96.151.0051.4 | RST20i5 | 104 | 96.154.0051.4 | RST20i5 | 105 | 96.222.3097.4 | RST20i2 | 54 |
| 96.151.0053.0 | RST20i5 | 104 | 96.154.0053.0 | RST20i5 | 105 | 96.222.3097.8 | RST20i2 | 54 |
| 96.151.0053.1 | RST20i5 | 104 | 96.154.0053.1 | RST20i5 | 105 | 96.222.3098.4 | RST20i2 | 54 |
| 96.151.0053.6 | RST20i5 | 104 | 96.154.0053.6 | RST20i5 | 105 | 96.222.3098.8 | RST20i2 | 54 |
| 96.151.0053.9 | RST20i5 | 104 | 96.154.0053.9 | RST20i5 | 105 | 96.222.4000.1 | RST20i2 | 52 |
| 96.151.0151.4 | RST20i5 | 104 | 96.154.0151.4 | RST20i5 | 105 | 96.222.4002.4 | RST20i2 | 52 |
| 96.151.0153.0 | RST20i5 | 104 | 96.154.0153.0 | RST20i5 | 105 | 96.222.4003.1 | RST20i2 | 52 |
| 96.151.0153.1 | RST20i5 | 104 | 96.154.0153.1 | RST20i5 | 105 | 96.222.4004.1 | RST20i2 | 52 |
| 96.151.0153.6 | RST20i5 | 104 | 96.154.0153.6 | RST20i5 | 105 | 96.222.4007.4 | RST20i2 | 52 |
| 96.151.0153.9 | RST20i5 | 104 | 96.154.0153.9 | RST20i5 | 105 | 96.222.4008.4 | RST20i2 | 52 |
| 96.151.0551.4 | RST20i5 | 106 | 96.154.2051.4 | RST20i5 | 112 | 96.222.4030.1 | RST20i2 | 53 |
| 96.151.0553.0 | RST20i5 | 106 | 96.154.2053.0 | RST20i5 | 112 | 96.222.4032.4 | RST20i2 | 53 |
| 96.151.0553.1 | RST20i5 | 106 | 96.154.2053.1 | RST20i5 | 112 | 96.222.4033.1 | RST20i2 | 53 |
| 96.151.0553.6 | RST20i5 | 106 | 96.154.2053.6 | RST20i5 | 112 | 96.222.4034.1 | RST20i2 | 53 |
| 96.151.0553.9 | RST20i5 | 106 | 96.154.2053.9 | RST20i5 | 112 | 96.222.4037.4 | RST20i2 | 53 |
| 96.151.1051.4 | RST20i5 | 108 | 96.154.2251.4 | RST20i5 | 113 | 96.222.4038.4 | RST20i2 | 53 |
| 96.151.1053.0 | RST20i5 | 108 | 96.154.2253.0 | RST20i5 | 113 | 96.222.4092.4 | RST20i2 | 54 |
| 96.151.1053.1 | RST20i5 | 108 | 96.154.2253.1 | RST20i5 | 113 | 96.222.4092.8 | RST20i2 | 54 |
| 96.151.1053.6 | RST20i5 | 108 | 96.154.2253.6 | RST20i5 | 113 | 96.222.4097.4 | RST20i2 | 54 |
| 96.151.1053.9 | RST20i5 | 108 | 96.154.2253.9 | RST20i5 | 113 | 96.222.4097.8 | RST20i2 | 54 |
| 96.151.2051.4 | RST20i5 | 109 | 96.155.2151.4 | RST20i5 | 111 | 96.222.4098.4 | RST20i2 | 54 |
| 96.151.2053.0 | RST20i5 | 109 | 96.155.2153.0 | RST20i5 | 111 | 96.222.4098.8 | RST20i2 | 54 |
| 96.151.2053.1 | RST20i5 | 109 | 96.155.2153.1 | RST20i5 | 111 | 96.222.5000.1 | RST20i2 | 52 |
| 96.151.2053.6 | RST20i5 | 109 | 96.155.2153.6 | RST20i5 | 111 | 96.222.5002.4 | RST20i2 | 52 |
| 96.151.2053.9 | RST20i5 | 109 | 96.155.2153.9 | RST20i5 | 111 | 96.222.5003.1 | RST20i2 | 52 |
| 96.151.2151.4 | RST20i5 | 110 | 96.156.2151.4 | RST20i5 | 111 | 96.222.5004.1 | RST20i2 | 52 |
| 96.151.2153.0 | RST20i5 | 110 | 96.156.2153.0 | RST20i5 | 111 | 96.222.5007.4 | RST20i2 | 52 |
| 96.151.2153.1 | RST20i5 | 110 | 96.156.2153.1 | RST20i5 | 111 | 96.222.5008.4 | RST20i2 | 52 |
| 96.151.2153.6 | RST20i5 | 110 | 96.156.2153.6 | RST20i5 | 111 | 96.222.5030.1 | RST20i2 | 53 |
| 96.151.2153.9 | RST20i5 | 110 | 96.156.2153.9 | RST20i5 | 111 | 96.222.5032.4 | RST20i2 | 53 |
| 96.152.0051.4 | RST20i5 | 104 | 96.222.1000.1 | RST20i2 | 52 | 96.222.5033.1 | RST20i2 | 53 |
| 96.152.0053.0 | RST20i5 | 104 | 96.222.1002.4 | RST20i2 | 52 | 96.222.5034.1 | RST20i2 | 53 |
| 96.152.0053.1 | RST20i5 | 104 | 96.222.1003.1 | RST20i2 | 52 | 96.222.5037.4 | RST20i2 | 53 |



| | | | | | | | | |
|---------------|---------|-----|---------------|-------------|-----|---------------|--------------------|-----|
| 96.454.7034.6 | RST20i5 | 119 | 96.854.3003.3 | RST25i5 | 128 | 99.532.0000.7 | RST20i5 | 122 |
| 96.454.8000.1 | RST20i5 | 118 | 96.854.3004.3 | RST25i5 | 128 | 99.532.0000.7 | Accessories | 142 |
| 96.454.8000.6 | RST20i5 | 118 | 96.854.3030.3 | RST25i5 | 129 | 99.537.0000.7 | RST20i2 | 56 |
| 96.454.8003.1 | RST20i5 | 118 | 96.854.3033.3 | RST25i5 | 129 | 99.628.0000.0 | Accessories | 160 |
| 96.454.8003.6 | RST20i5 | 118 | 96.854.3034.3 | RST25i5 | 129 | 99.708.0000.7 | RST20i2 | 53 |
| 96.454.8004.1 | RST20i5 | 118 | 96.854.3500.3 | RST25i5 | 128 | 99.709.0000.7 | RST20i2 | 53 |
| 96.454.8004.6 | RST20i5 | 118 | 96.854.3503.3 | RST25i5 | 128 | 99.710.0000.7 | RST20i2 | 52 |
| 96.454.8030.1 | RST20i5 | 119 | 96.854.3504.3 | RST25i5 | 128 | 99.711.0000.7 | RST20i2 | 52 |
| 96.454.8030.6 | RST20i5 | 119 | 96.854.3530.3 | RST25i5 | 129 | 99.712.0000.7 | RST20i3 | 71 |
| 96.454.8033.1 | RST20i5 | 119 | 96.854.3533.3 | RST25i5 | 129 | 99.713.0000.7 | RST20i3 | 71 |
| 96.454.8033.6 | RST20i5 | 119 | 96.854.3534.3 | RST25i5 | 129 | 99.714.0000.7 | RST20i3 | 70 |
| 96.454.8034.1 | RST20i5 | 119 | 96.854.4000.3 | RST25i5 | 128 | 99.715.0000.7 | RST20i3 | 70 |
| 96.454.8034.6 | RST20i5 | 119 | 96.854.4003.3 | RST25i5 | 128 | 99.716.0000.7 | RST20i3 | 71 |
| 96.834.1000.3 | RST25i3 | 80 | 96.854.4004.3 | RST25i5 | 128 | 99.717.0000.7 | RST20i3 | 71 |
| 96.834.1003.3 | RST25i3 | 80 | 96.854.4030.3 | RST25i5 | 129 | 99.901.0000.7 | Distribution units | 136 |
| 96.834.1004.3 | RST25i3 | 80 | 96.854.4033.3 | RST25i5 | 129 | 99.902.0000.7 | Distribution units | 136 |
| 96.834.1030.3 | RST25i3 | 81 | 96.854.4034.3 | RST25i5 | 129 | 99.903.0000.7 | Distribution units | 136 |
| 96.834.1033.3 | RST25i3 | 81 | 97.041.4053.1 | RST50i4 | 154 | 99.906.0000.7 | RST20i3 | 74 |
| 96.834.1034.3 | RST25i3 | 81 | 97.041.4253.1 | RST50i4 | 154 | 99.910.0000.7 | RST20i2 | 56 |
| 96.834.1500.3 | RST25i3 | 80 | 97.041.5053.1 | RST50i4 | 155 | 99.929.0000.7 | RST20i3 | 74 |
| 96.834.1503.3 | RST25i3 | 80 | 97.041.5553.1 | RST50i4 | 155 | F0.000.0002.1 | Distribution units | 141 |
| 96.834.1504.3 | RST25i3 | 80 | 97.042.4053.1 | RST50i4 | 154 | F0.000.0002.2 | Distribution units | 141 |
| 96.834.1530.3 | RST25i3 | 81 | 97.042.4253.1 | RST50i4 | 154 | F0.000.0002.3 | Distribution units | 141 |
| 96.834.1533.3 | RST25i3 | 81 | 97.042.5053.1 | RST50i4 | 155 | F0.000.0002.4 | Distribution units | 141 |
| 96.834.1534.3 | RST25i3 | 81 | 97.042.5553.1 | RST50i4 | 155 | F0.000.0002.5 | Distribution units | 141 |
| 96.834.2000.3 | RST25i3 | 80 | 97.051.4053.1 | RST50i5 | 158 | F0.000.0002.6 | Distribution units | 141 |
| 96.834.2003.3 | RST25i3 | 80 | 97.051.4253.1 | RST50i5 | 158 | F0.000.0003.5 | Distribution units | 141 |
| 96.834.2004.3 | RST25i3 | 80 | 97.051.5053.1 | RST50i5 | 159 | F0.000.0004.4 | Distribution units | 141 |
| 96.834.2030.3 | RST25i3 | 81 | 97.051.5553.1 | RST50i5 | 159 | F0.000.0004.5 | Distribution units | 141 |
| 96.834.2033.3 | RST25i3 | 81 | 97.052.4053.1 | RST50i5 | 158 | F0.000.0004.6 | Distribution units | 141 |
| 96.834.2034.3 | RST25i3 | 81 | 97.052.4253.1 | RST50i5 | 158 | F0.000.0004.7 | Distribution units | 141 |
| 96.834.2500.3 | RST25i3 | 80 | 97.052.5053.1 | RST50i5 | 159 | F0.000.0004.8 | Distribution units | 141 |
| 96.834.2503.3 | RST25i3 | 80 | 97.052.5553.1 | RST50i5 | 159 | F0.000.0004.9 | Distribution units | 141 |
| 96.834.2504.3 | RST25i3 | 80 | 97.141.0053.1 | RST50i4 | 154 | F0.000.0005.6 | Distribution units | 140 |
| 96.834.2530.3 | RST25i3 | 81 | 97.141.0253.1 | RST50i4 | 154 | F0.000.0005.7 | Distribution units | 140 |
| 96.834.2533.3 | RST25i3 | 81 | 97.141.1053.1 | RST50i4 | 155 | F0.000.0005.8 | Distribution units | 140 |
| 96.834.2534.3 | RST25i3 | 81 | 97.141.1553.1 | RST50i4 | 155 | F0.000.0005.9 | Distribution units | 140 |
| 96.834.3000.3 | RST25i3 | 80 | 97.142.0053.1 | RST50i4 | 154 | F0.000.0007.5 | Distribution units | 140 |
| 96.834.3003.3 | RST25i3 | 80 | 97.142.0253.1 | RST50i4 | 154 | F0.000.0007.6 | Distribution units | 140 |
| 96.834.3004.3 | RST25i3 | 80 | 97.142.1053.1 | RST50i4 | 155 | F0.000.0007.7 | Distribution units | 140 |
| 96.834.3030.3 | RST25i3 | 81 | 97.142.1553.1 | RST50i4 | 155 | F0.000.0007.8 | Distribution units | 140 |
| 96.834.3033.3 | RST25i3 | 81 | 97.151.0053.1 | RST50i5 | 158 | F0.000.0008.0 | Distribution units | 140 |
| 96.834.3034.3 | RST25i3 | 81 | 97.151.0253.1 | RST50i5 | 158 | F0.000.0008.1 | Distribution units | 140 |
| 96.834.3500.3 | RST25i3 | 80 | 97.151.1053.1 | RST50i5 | 159 | F0.000.0008.2 | Distribution units | 140 |
| 96.834.3503.3 | RST25i3 | 80 | 97.151.1553.1 | RST50i5 | 159 | F0.000.0009.1 | Distribution units | 141 |
| 96.834.3504.3 | RST25i3 | 80 | 97.152.0053.1 | RST50i5 | 158 | F0.000.0009.2 | Distribution units | 141 |
| 96.834.3530.3 | RST25i3 | 81 | 97.152.0253.1 | RST50i5 | 158 | F0.000.0009.3 | Distribution units | 141 |
| 96.834.3533.3 | RST25i3 | 81 | 97.152.1053.1 | RST50i5 | 159 | F0.000.0009.7 | Distribution units | 141 |
| 96.834.3534.3 | RST25i3 | 81 | 97.152.1553.1 | RST50i5 | 159 | F0.000.0009.9 | Distribution units | 140 |
| 96.834.4000.3 | RST25i3 | 80 | 99.000.9950.0 | Accessories | 143 | Z5.564.4553.0 | RST20i2 | 51 |
| 96.834.4003.3 | RST25i3 | 80 | 99.413.6205.2 | RST20i2 | 51 | Z5.564.4553.0 | RST20i3 | 75 |
| 96.834.4004.3 | RST25i3 | 80 | 99.413.6205.2 | RST20i3 | 75 | Z5.564.4553.0 | Accessories | 142 |
| 96.834.4030.3 | RST25i3 | 81 | 99.413.6205.2 | Accessories | 142 | Z5.564.4553.1 | RST20i2 | 51 |
| 96.834.4033.3 | RST25i3 | 81 | 99.414.6205.2 | RST20i2 | 51 | Z5.564.4553.1 | RST20i3 | 75 |
| 96.834.4034.3 | RST25i3 | 81 | 99.414.6205.2 | RST20i3 | 75 | Z5.564.4553.1 | Accessories | 142 |
| 96.854.1000.3 | RST25i5 | 128 | 99.414.6205.2 | Accessories | 142 | Z5.565.9853.0 | RST20i4 | 100 |
| 96.854.1003.3 | RST25i5 | 128 | 99.415.6205.2 | RST20i2 | 51 | Z5.565.9853.0 | RST20i5 | 122 |
| 96.854.1004.3 | RST25i5 | 128 | 99.415.6205.2 | RST20i3 | 75 | Z5.565.9853.0 | Accessories | 142 |
| 96.854.1030.3 | RST25i5 | 129 | 99.415.6205.2 | Accessories | 142 | Z5.565.9853.1 | RST20i4 | 100 |
| 96.854.1033.3 | RST25i5 | 129 | 99.416.6205.2 | RST20i2 | 51 | Z5.565.9853.1 | RST20i5 | 122 |
| 96.854.1034.3 | RST25i5 | 129 | 99.416.6205.2 | RST20i3 | 75 | Z5.565.9853.1 | Accessories | 142 |
| 96.854.1500.3 | RST25i5 | 128 | 99.416.6205.2 | Accessories | 142 | Z5.567.5653.0 | Accessories | 160 |
| 96.854.1503.3 | RST25i5 | 128 | 99.429.0000.0 | Accessories | 146 | | | |
| 96.854.1504.3 | RST25i5 | 128 | 99.430.0000.0 | Accessories | 146 | | | |
| 96.854.1530.3 | RST25i5 | 129 | 99.431.0000.0 | Accessories | 146 | | | |
| 96.854.1533.3 | RST25i5 | 129 | 99.490.0000.0 | Accessories | 146 | | | |
| 96.854.1534.3 | RST25i5 | 129 | 99.502.0000.7 | RST25i3 | 79 | | | |
| 96.854.2000.3 | RST25i5 | 128 | 99.512.0000.7 | RST25i3 | 79 | | | |
| 96.854.2003.3 | RST25i5 | 128 | 99.527.0000.7 | RST25i5 | 127 | | | |
| 96.854.2004.3 | RST25i5 | 128 | 99.528.0000.7 | RST25i5 | 127 | | | |
| 96.854.2030.3 | RST25i5 | 129 | 99.529.0000.7 | RST20i4 | 100 | | | |
| 96.854.2033.3 | RST25i5 | 129 | 99.529.0000.7 | RST20i5 | 122 | | | |
| 96.854.2034.3 | RST25i5 | 129 | 99.529.0000.7 | Accessories | 142 | | | |
| 96.854.2500.3 | RST25i5 | 128 | 99.529.0000.7 | Accessories | 142 | | | |
| 96.854.2503.3 | RST25i5 | 128 | 99.530.0000.7 | RST20i4 | 100 | | | |
| 96.854.2504.3 | RST25i5 | 128 | 99.530.0000.7 | RST20i5 | 122 | | | |
| 96.854.2530.3 | RST25i5 | 129 | 99.531.0000.7 | RST20i4 | 100 | | | |
| 96.854.2533.3 | RST25i5 | 129 | 99.531.0000.7 | RST20i5 | 122 | | | |
| 96.854.2534.3 | RST25i5 | 129 | 99.531.0000.7 | Accessories | 142 | | | |
| 96.854.3000.3 | RST25i5 | 128 | 99.532.0000.7 | RST20i4 | 100 | | | |



Spanning various industries and products.



0400.1 „Electro-technical solutions for wind energy systems“



0401.1 „Electro-technical solutions for the control cabinet“



0402.1 „Components for heating, ventilation, and air conditioning“



0125.0 „selos DIN rail terminal blocks with screw connection“



0124.0 „fasis DIN rail terminal blocks with tension spring connection“



0152.0 „safety Safe system solutions for the automation technology“



0160.8 „**gesis** ELECTRONIC Decentralized building installation via plug&play“



0163.0 „**gesis** IP+ Pluggable electrical installations in IP65 to IP68“



0164.0 „**gesis** SOLAR Electrical installation technology for photovoltaics“



0008.6 „Environmental statement Bamberg“



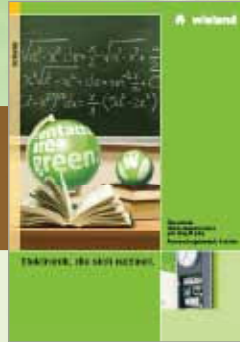
0009.0 „Wieland apprenticeship greenhorns to the forefront.“



0003.1 „The system partner in automation technology and in building automation technology“



0403.1 „Safe solutions for the packaging sector“



0404.1 „Decentralized building automation with plug&play“ Educational facilities

Industries

Automation technology

Further documents and brochures can be downloaded quickly and easily via the Download Center on our homepage.



0165.0 „gesis Pluggable electrical installation and building automation for indoor and outdoor applications“

Building and installation technology

Wieland connects.



Wieland - 100 years in Bamberg.

Wieland is one of the most important employers in Bamberg and the surrounding area. The book portrays the life of the company's founder Friedrich H. („Fritz“) Wieland and the following generations, closely intertwined with the company's history. Available in bookshops.



100 years young
and full of innovative energy



Wieland Electric
1910–2010
WELCOME
FUTURE





Making connections

For 100 years our focus has remained unchanged: safe and efficient electrotechnical connections. The standards have changed, though. Today we work in the fields of automation and building technology on the solutions of tomorrow: with a comprehensive portfolio, a keen sense of innovation, ecological thinking and maximum customer benefit. All under the motto: **contacts are green.**

EFFICIENCY



HUMANITY

ECOLOGY

INNOVATION

 **wieland**
www.wieland-electric.com



In all areas Solutions for the future

Information on the Internet

Interesting applications, informative product news, interesting facts about Wieland Electric... All of this can be found in our customer magazine **wietalk**.

You can obtain **wietalk** even more conveniently via our subscription service. As a subscriber, you will receive the printed version free and conveniently by post. Download and registration for the subscription service can be found on our homepage under "Support".





Find the latest issues of our customer magazine in our download area – so you can stay up to date.



Pluggable installation solutions from Wieland

Additional information

Technical support

Automation technology:

- DIN rail terminal blocks **fasis, selos, taris®**
Phone: +49-9 51 93 24-991
- Safety technology **safety**
Phone: +49-9 51 93 24-999
- Remote I/O **ricos**
Phone: +49-9 51 93 24-995
- Power supply, surge protection, measuring and monitoring relays, timer relays, coupling relays, analog modules, passive interfaces **interface**
Phone: +49-9 51 93 24-995
- Remote power distribution **podis®**
Phone: +49-9 51 93 24-998
- Industrial multipole connectors **revos**
Phone: +49-9 51 93 24-997
- Appliance terminals, European terminal strips
Phone: +49-9 51 93 24-993
- Housings for electronic components, PCB terminals and connectors **wiecon**
Phone: +49-9 51 93 24-994

Fax: +49-9 51 93 26-991
E-mail: AT.TS@wieland-electric.com

Sales hotline numbers:

- Questions for Sales on availability, delivery schedules, and pricing Phone: +49-951 9324-990

Technical support

Building services engineering:

- System connectors for building installation **gesis®, gesis®RAN, gesis®ELECTRONIC**
Phone: +49-9 51 93 24-996
- Photovoltaics **gesis®SOLAR**
Phone: +49-9 51 93 24-972
- DIN rail terminal blocks **fasis BIT, selos BIT**
Phone: +49-9 51 93 24-992

Fax: +49-9 51 93 26-996
E-mail: BIT.TS@wieland-electric.com

Additional information zum Thema steckbare Installation:

Best of gesis Part No. 0165.0

Dezentrale Elektronik-Verteiler:

gesisELECTRONIC
Everything follows a system Part No. 0160.8
gesisRAN Part No. 0160.9

for solar technology

gesisSOLAR flyer Part No. 0162.3
gesisSOLAR catalog Part No. 0164.0

Information about Wieland products in general:

Wieland Product Overview Part No. 0003.1

General information and news:
www.wieland-electric.com
Visit our eCatalog at wieland-electric.com



Our subsidiaries

... and the addresses of our representations worldwide are available at:

www.wieland-electric.com



USA

Wieland Electric Inc.

49 International Road
Burgaw, N.C. 28425
Phone +1-910-259 5050
Fax +1-910-259 3691
sales@wielandinc.com



CANADA

Wieland Electric Inc.

2889 Brighton Road
Oakville, Ontario L6H 6C9
Phone +1-905-829 8414
Fax +1-905-829 8413
info@wieland-electric.ca



GREAT BRITAIN

Wieland Electric Ltd.

Riverside Business Centre,
Walnut Tree Close
GB-Guildford /Surrey GU1 4UG
Phone +44-1483-531 213
Fax +44-1483-505 029
sales@wieland.co.uk



FRANCE

Wieland Electric SARL.

103, Chemin de Ronde
F-78290 Croissy-sur-Seine
Phone +33-1-30 15 07 07
Fax +33-1-30 15 07 14
infos@wieland-electric.fr



SPAIN

Wieland Electric S.L.

C/ Maria Auxiliadora 2 bajos
E-08017 Barcelona
Phone +34-93-252 3820
Fax +34-93-252 3825
ventas@wieland.es



ITALY

Wieland Electric S.r.l.

Via Edison, 209
I-20019 Settimo Milanese
Phone +39-02-48 91 63 57
Fax +39-02-48 92 06 85
info@wieland-electric.it



POLAND

Wieland Electric Sp. Zo.o.

Poznań Swadzim
ul. Św. Antoniego 8
62-080 Tarnowo Podgórne
Phone +48-61 84 09-101
Fax +48-61 84 07-166
office@wieland-electric.pl



CHINA

Wieland Electric Trading

Unit 2703
International Soho City
889 Renmin Rd., Huang Pu District
PRC- Shanghai 200010
Phone +86-21-63 555 833
Fax +86-21-63 550 090
info-shanghai@wieland-electric.cn



CZECH REPUBLIC

(Production)

Wieland Electric s.r.o.

Nadražni 1557
356 01 Sokolov
Phone +420-352 302 011
Fax +420-352 302 027



DENMARK

Wieland Electric A/S

Vallørækken 26
DK-4600 Køge
Phone +45-70-26 66 35
Fax +45-70-26 66 37
sales@wieland-electric.dk



◀ Informational material for
ordering and for downloading
from our websites

Subject to technical modifications!

gesis®, **podis**®, **samos**®, **taris**® are registered trademarks of Wieland Electric GmbH



wieland

Headquarters:
Wieland Electric GmbH
Brennerstraße 10 – 14
D-96052 Bamberg

Sales and Marketing Center:
Wieland Electric GmbH
Benzstraße 9
D-96052 Bamberg

Phone +49-951-9324-0
Fax +49-951-9324-198
www.wieland-electric.com
www.gesis.com
info@wieland-electric.com

Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
 - Screw, spring clamp or IDC connection technology
 - Wire cross sections up to 240 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safety sensors
 - Safety relays
 - Modular safety systems with fieldbus link
- PLC and fieldbus components
 - Standard applications in IP20
 - Increased environmental conditions with railroad and ship approvals
- Interface
 - Coupling relays, semiconductor switches
 - Measuring and monitoring relays
 - Timer and switching relays
 - Analog modules
 - Passive interfaces
 - Power supply units
 - Overvoltage protection

Solutions for field applications

- Remote automation technology
 - Power distribution
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Square and round connectors
 - Aluminum or plastic housings
 - Degree of protection up to IP68
 - Current-carrying capacity up to 100A
 - Connectors for hazardous areas
 - Modular, application specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5mm to 10.16mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
 - Main power supply connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Bus systems in KNX, LON and radio technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

gesis® IP+

contacts
are
green.

Product Range

0163.0 C 03/11

wieland

