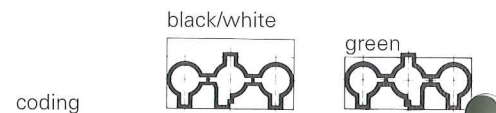
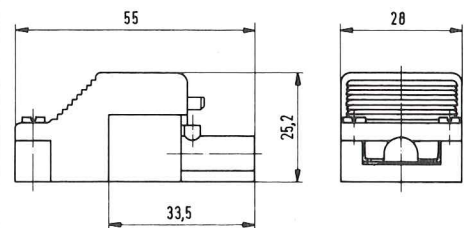


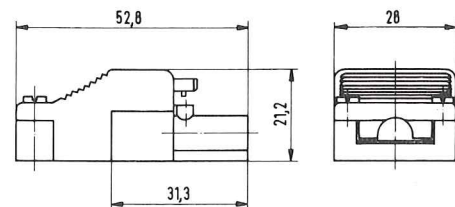
# ST 18/3poles Female parts



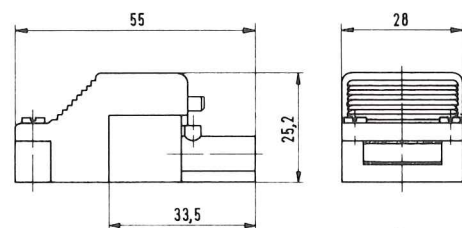
with double screw connector  
strain relief for one round cable  
diameter 6.5–8.3 mm



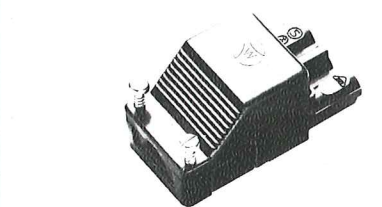
single screw connector  
strain relief for one round cable  
diameter 6.5–8.3 mm



double screw connector  
strain relief for two round cables  
diameter 4.5–10.0 mm  
or one flat cable

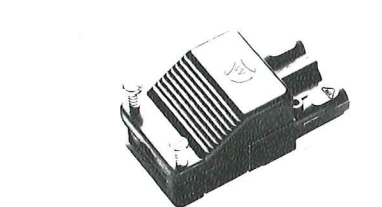


colour ref. no. PQP



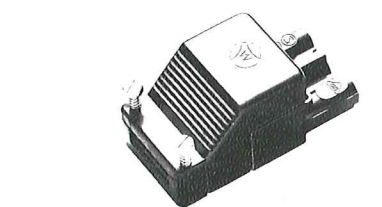
**female part assembled**  
with strain relief without locking device  
black 93.731.3353.0 100  
white 93.731.3350.0 100

colour ref. no. PQP



**female part assembled**  
with strain relief without locking device  
black 93.731.3253.0 100  
white 93.731.3250.0 100  
green/black<sup>1)</sup> 93.731.3750.0 100

colour ref. no. PQP



**female part assembled**  
with strain relief without locking device  
black 93.631.3353.0 100  
white 93.631.3350.0 100

**female part assembled**  
with strain relief with locking device  
black 93.731.4353.0 100  
white 93.731.4350.0 100

**female part assembled**  
with strain relief with locking device  
black 93.731.4253.0 100  
white 93.731.4250.0 100  
green/black<sup>1)</sup> 93.731.4750.0 100

**female part assembled**  
with strain relief with locking device  
black 93.631.4353.0 100  
white 93.631.4350.0 100

**female part unassembled**  
with strain relief without locking device  
black 93.931.3353.0 200  
white 93.931.3350.0 200

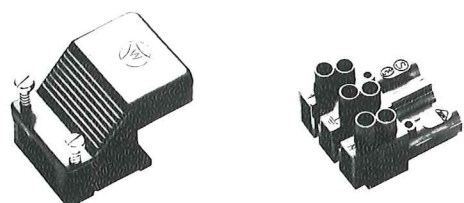
**female part unassembled**  
with strain relief without locking device  
black 93.931.3253.0 200  
white 93.931.3250.0 200  
green/black<sup>1)</sup> 93.931.3750.0 200

**female part unassembled**  
with strain relief without locking device  
black 93.831.3353.0 200  
white 93.831.3350.0 200

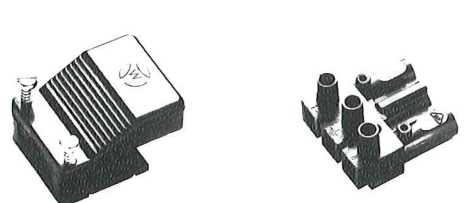
**female part unassembled**  
with strain relief with locking device  
black 93.931.4353.0 200  
white 93.931.4350.0 200

**female part unassembled**  
with strain relief with locking device  
black 93.931.4253.0 200  
white 93.931.4250.0 200  
green/black<sup>1)</sup> 93.931.4750.0 200

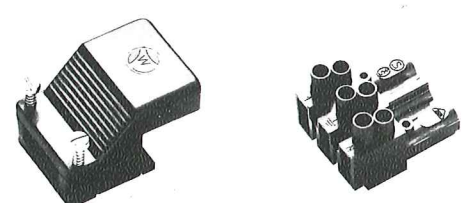
**female part unassembled**  
with strain relief with locking device  
black 93.831.4353.0 200  
white 93.831.4350.0 200



**female part**  
black 93.031.3353.0 200  
white 93.031.3350.0 200



**female part**  
black 93.031.3253.0 200  
white 93.031.3250.0 200  
green 93.031.3750.0 200



**female part**  
black 93.031.3353.0 200  
white 93.031.3350.0 200

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.8253.0 200  
white Z7.410.8250.0 200

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.8153.0 200  
white Z7.410.8150.0 200

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.5253.0 200  
white Z7.410.5250.0 200

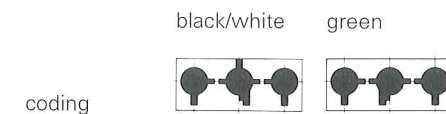
**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.8453.0 200  
white Z7.410.8450.0 200

**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.8553.0 200  
white Z7.410.8550.0 200

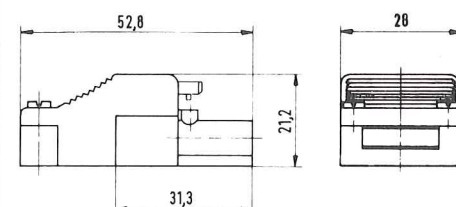
**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.5453.0 200  
white Z7.410.5450.0 200

<sup>1)</sup> female part green, strain relief black (attention: watch coding!)

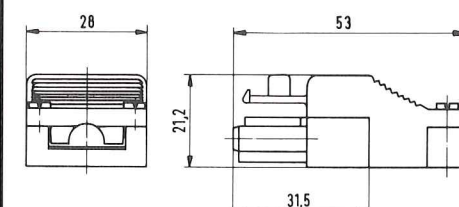
# ST 18/3poles Male parts



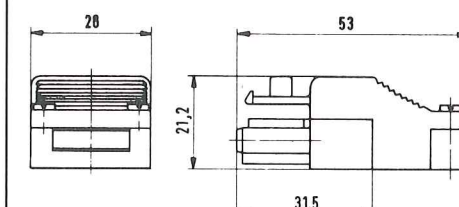
single screw connector  
strain relief for two round cables  
diameter 4.5–10.0 mm  
or one flat cable



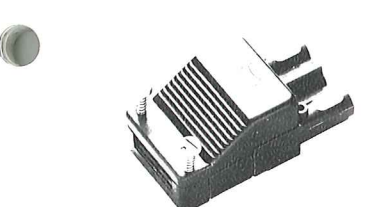
single screw connector  
strain relief for one round cable  
diameter 6.5–8.3 mm



single screw connector  
strain relief for two round cables  
diameter 4.5–10.0 mm  
or one flat cable

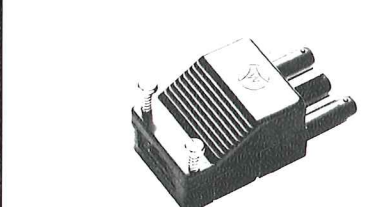


colour ref. no. PQP



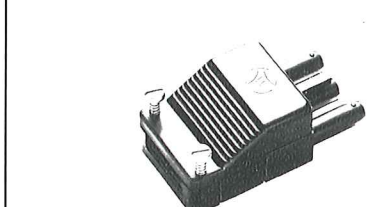
**female part assembled**  
with strain relief without locking device  
black 93.631.3253.0 100  
white 93.631.3250.0 100  
green/black<sup>1)</sup> 93.631.3750.0 100

colour ref. no. PQP



**male part assembled**  
with strain relief without locking device  
black 93.732.3353.0 100  
white 93.732.3350.0 100  
green/black<sup>1)</sup> 93.732.3750.0 100

colour ref. no. PQP



**male part assembled**  
with strain relief without locking device  
black 93.632.3353.0 100  
white 93.632.3350.0 100  
green/black<sup>1)</sup> 93.632.3750.0 100

**female part assembled**  
with strain relief with locking device  
black 93.631.4253.0 100  
white 93.631.4250.0 100  
green/black<sup>1)</sup> 93.631.4750.0 100

**male part assembled**  
with strain relief with locking device  
black 93.732.4353.0 100  
white 93.732.4350.0 100  
green/black<sup>1)</sup> 93.732.4750.0 100

**male part assembled**  
with strain relief with locking device  
black 93.632.4353.0 100  
white 93.632.4350.0 100  
green/black<sup>1)</sup> 93.632.4750.0 100

**female part unassembled**  
with strain relief without locking device  
black 93.831.3253.0 200  
white 93.831.3250.0 200  
green/black<sup>1)</sup> 93.831.3750.0 200

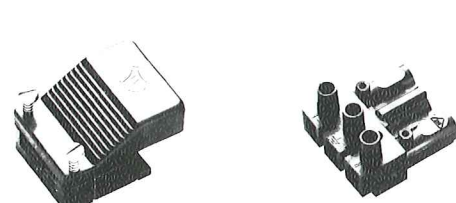
**male part unassembled**  
with strain relief without locking device  
black 93.932.3353.0 200  
white 93.932.3250.0 200  
green/black<sup>1)</sup> 93.932.3750.0 200

**male part unassembled**  
with strain relief without locking device  
black 93.832.3353.0 200  
white 93.832.3350.0 200  
green/black<sup>1)</sup> 93.832.3750.0 200

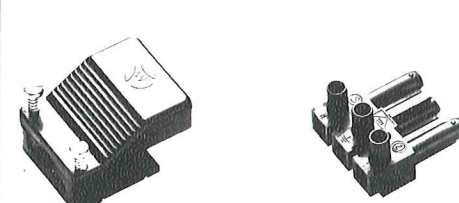
**female part unassembled**  
with strain relief with locking device  
black 93.831.4253.0 200  
white 93.831.4250.0 200  
green/black<sup>1)</sup> 93.831.4750.0 200

**male part unassembled**  
with strain relief with locking device  
black 93.932.4353.0 200  
white 93.932.4350.0 200  
green/black<sup>1)</sup> 93.932.4750.0 200

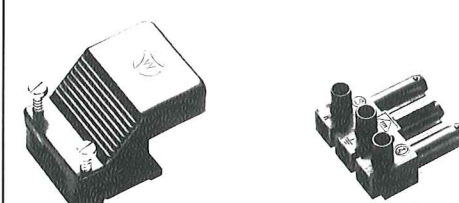
**male part unassembled**  
with strain relief with locking device  
black 93.832.4353.0 200  
white 93.832.4350.0 200  
green/black<sup>1)</sup> 93.832.4750.0 200



**female part**  
black 93.031.3253.0 200  
white 93.031.3250.0 200  
green 93.031.3750.0 200



**male part**  
black 93.032.3353.0 200 10,2  
white 93.032.3350.0 200 11,0  
green 93.032.3750.0 200 10,9



**male part**  
black 93.032.3353.0 200  
white 93.032.3350.0 200  
green 93.032.3750.0 200

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.5153.0 200  
white Z7.410.5150.0 200

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.8153.0 200 6,9  
white Z7.410.8150.0 200 7,4

**strain relief complete with top and bottom part**  
without locking device  
black Z7.410.5153.0 200  
white Z7.410.5150.0 200

**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.5553.0 200  
white Z7.410.5550.0 200

**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.8353.0 200 7,6  
white Z7.410.8350.0 200 7,3

**strain relief complete with top and bottom part**  
with locking device  
black Z7.410.5353.0 200  
white Z7.410.5350.0 200

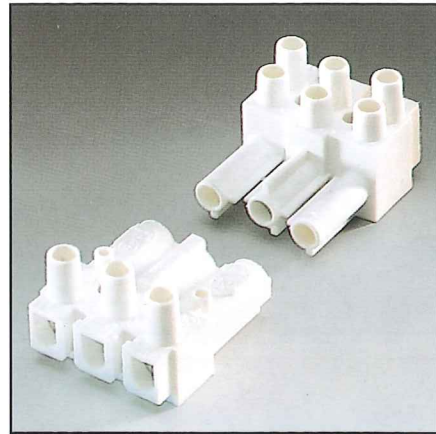
<sup>1)</sup> female part green, strain relief black (attention: watch coding!)

<sup>1)</sup> male part green, strain relief black (attention: watch coding!)

<sup>1)</sup> male part green, strain relief black (attention: watch coding!)

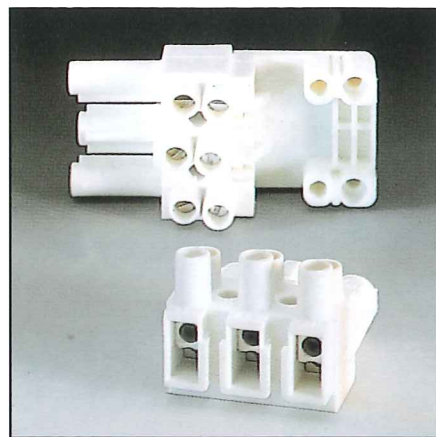


# Compact connectors for snap-in mounting, 3- to 7-pole System ST 18 250 V, 250 V/400 V, 16 A



All the poles are plugged in at the same time.  
PE conductor leading.  
The live components are also protected against accidental contact both when connected and disconnected.

A range of distribution coupler units makes it possible to install a complete system in the narrowest of spaces. A locking device is also secured with the connectors provided.



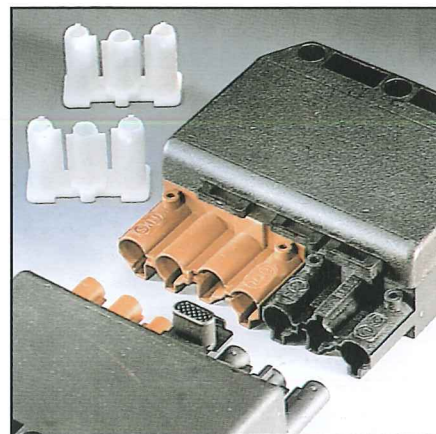
Sockets and plugs normally have one terminal connection per pole. However they are also available with two independently active clamping points e.g. for through-wiring of continuous rows of luminaires, for cross connections or additional outgoing circuits.

All 3- to 7-pole connectors can be supplied with locking devices. The top of the strain relief device is equipped with locating cams (plug component) or locating eyes (socket component). When assembling a socket and plug component, the locking device that can be released by hand, is latched automatically. The additional cover that is available as an accessory, makes it only possible for the locking device to be released using a tool.



Incorrect insertions are reliably prevented due to coding. Different mechanical codes are additionally designated by established material colours; only black and white components can be combined with each other.

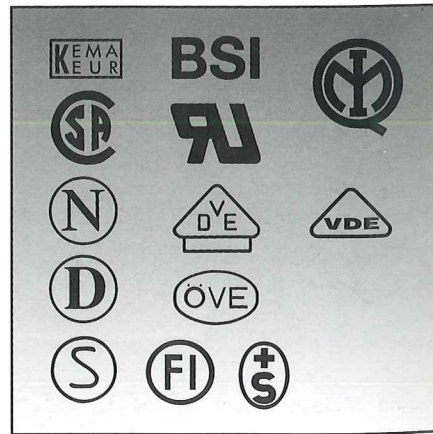
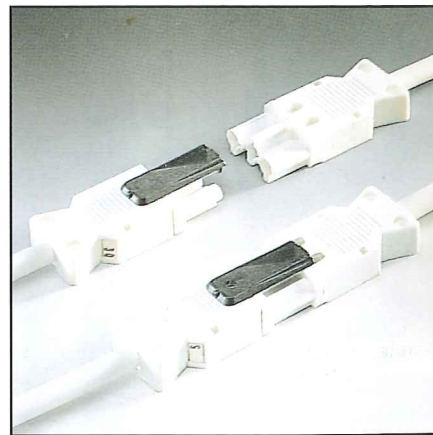
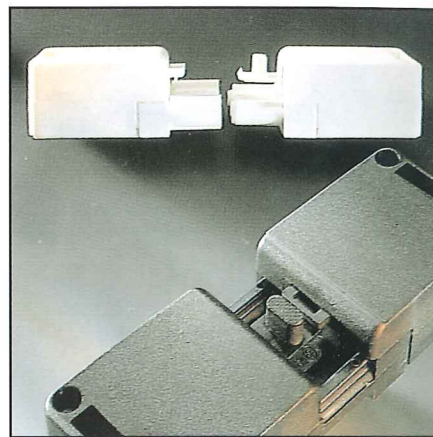
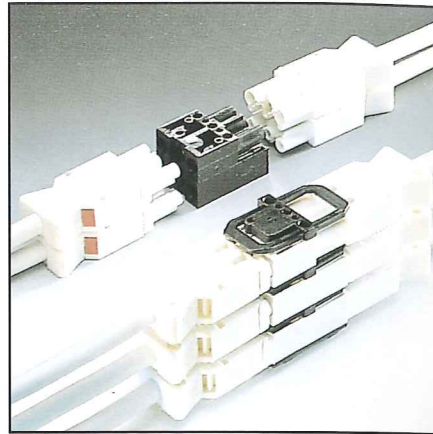
The 3-pole prepared version provides a particularly flat design. The cables are mounted in lengths between 0.5 and 4 m (in 50 cm increments). The cable type is HO5VV-F 3 G 1.5/2.5. A further alternative is the crimp design with a flat strain relief device.



The top of the strain relief device is both a cover for the terminal compartment and for the terminal screws. Type of protection: IP 20

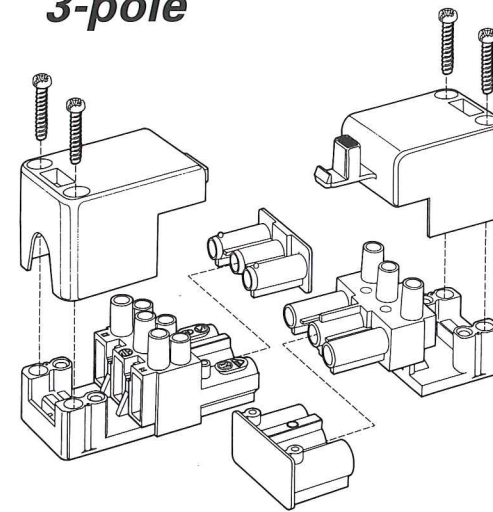
The socket component that is not used for through-wiring can be safeguarded with a sealing component against misuse.

A series of certificates means that the connector system can be used world-wide. There are standards according to national norms for European countries including EFTA countries as well as overseas. As a connector system as defined by German norms e.g. VDE 0627, the ST 18 (in contrast to GST 18) is not intended for operation under tension – either when inserted or withdrawn. The locking device of the connector protects the components from being loosened unintentionally.



# 250 V, 250 V/400 V, 16 A **ST 18**

## Screw design 3-pole

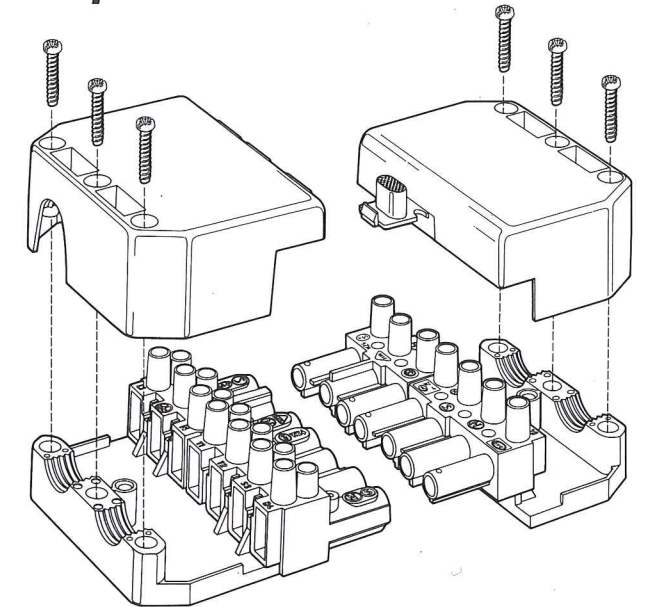


Socket component with dual terminal connection with strain relief top and bottom part

Sealing component

Plug component with a single connection with strain relief top and bottom part

## Screw design 7-pole



Socket component with a dual terminal connection with strain relief top and bottom part

Plug component with a single connection with strain relief top and bottom part

## Coding

**3-pole** Colour: black  
Colour: white

**3-pole** Colour: green

**4-pole** Colour: black  
Colour: white

**4-pole** Colour: green

**5-pole** Colour: black

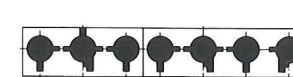
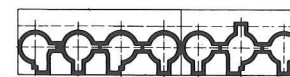
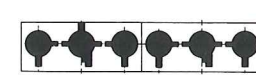
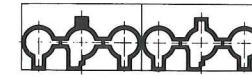
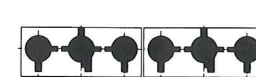
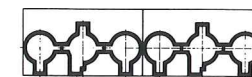
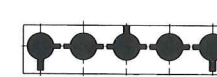
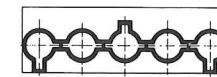
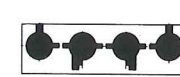
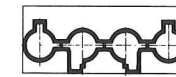
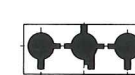
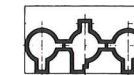
**6-pole** Colour: black/  
black

Colour: brown/  
black

**7-pole** Colour: brown/  
black

## Socket component

## Plug component



## Technical data

**Rated voltage:**  
in accordance with VDE 0110 Gr. C 250 V, 250/400 V  
(VDE 0110 Part 1.4 KV 250 V, 250/400 V)

**Wire range:** 0.5 – 2.5 mm<sup>2</sup>

**Rated current:** 16 A

**Torque for terminal screws:** 0.5 – 0.7 Nm

**Steady-state temperature:** 70 °C cables,  
110 °C socket and plug components

Type of protection: IP 20 in accordance with  
EN 60529/DIN VDE 0470 Part 1/11.92

**Materials:**  
Insulating components, top and bottom of strain relief  
Device: thermoplastic material  
Contact parts: brass-plated

Terminal screws and slotted-head screws for the  
strain relief device: galvanised, passivated steel

**Certification:** VDE 0627; SEV; KEMA (however  
without crimp connections); further certification  
provided on request

**Area of application:**  
For connecting modules and components in or to  
operational equipment in industrial installations. For  
connection in measurement and control circuits. This  
normally does not apply to connectors in or on opera-  
tional equipment with its own safety definitions.

**Note: Not suitable for connecting in  
installation systems e.g. in furniture,  
installation cavities such as false floors,  
suspended ceilings etc.**  
Please ask for our *gESIS CON* brochure.