



Pushing Performance

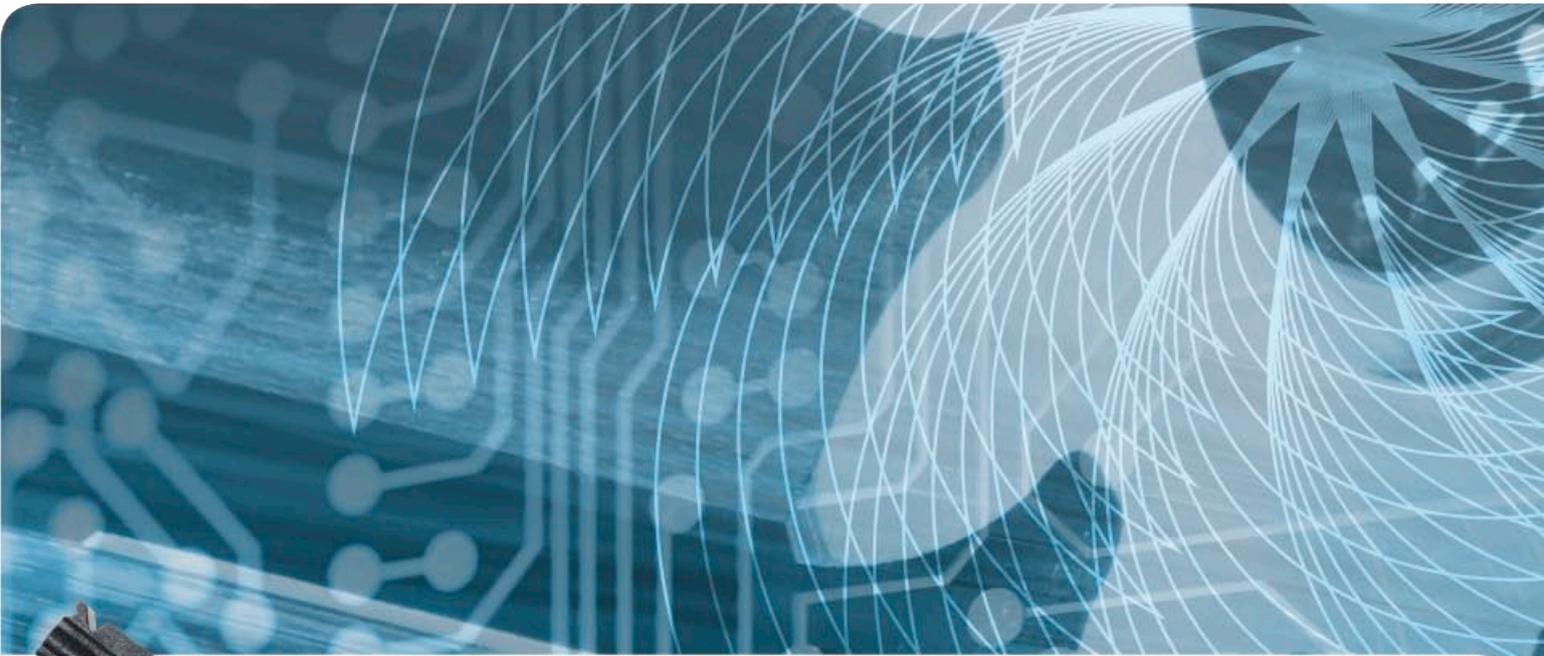
# HARTING Han-Quick Lock®





## Contents

1.0	Precise technique, so simple as <b>Han-Quick Lock®</b> .....	04
2.0	Fast, simple and compact! .....	04
2.1	Assembly .....	05
2.2	Disassembly .....	06
3.0	Complete build-up .....	07
4.0	X-ray cross section .....	08
5.0	Advantages of <b>Han-Quick Lock®</b> .....	09
5.1	Time saving .....	09
5.2	Vibration safety .....	10
5.3	Wire pull out forces .....	10
5.4	Contact resistance .....	11
6.0	Product portfolio .....	12
6.1	Han® 3 A Quick Lock .....	14
6.2	Han® 4 A Quick Lock .....	15
6.3	Han® Q 5/0 Quick Lock .....	16
6.4	Han® Q 8/0 Quick Lock .....	17
6.5	Han® Q 12/0 .....	18
6.6	Han® PushPull Power 4/0 Quick Lock .....	19
6.7	Han® 7 D Quick Lock .....	20
6.8	Han® 8 D Quick Lock .....	21
6.9	Han DD® Module Quick Lock .....	22
6.10	Han® EE Module Quick Lock .....	23



## 1.0 Precise technique, so simple as Han-Quick Lock®

This new connection technique from HARTING combines the reliability and the simple operation of the cage clamp connection with the low space requirements of crimp technology.

Han-Quick Lock® is ideally suited to high contact densities and is considerably superior over other connection techniques. No other technology is so simple, space saving and fast. For this vibration safe connection, no special tools are necessary.

## 2.0 Fast, simple and compact!

### Characteristics of Han-Quick Lock®

Fast, simple and robust termination technique • Field assembly without a special tool • Compatible with many approved Han® insert connectors • Combines high contact density similar to crimp termination with the simple connection like a cage clamp terminal

### Suitable cable types

The termination technology allows to use extra fine wires according to VDE 0295, class 5

The following wires are not suitable:

• solid wires



• stranded wires



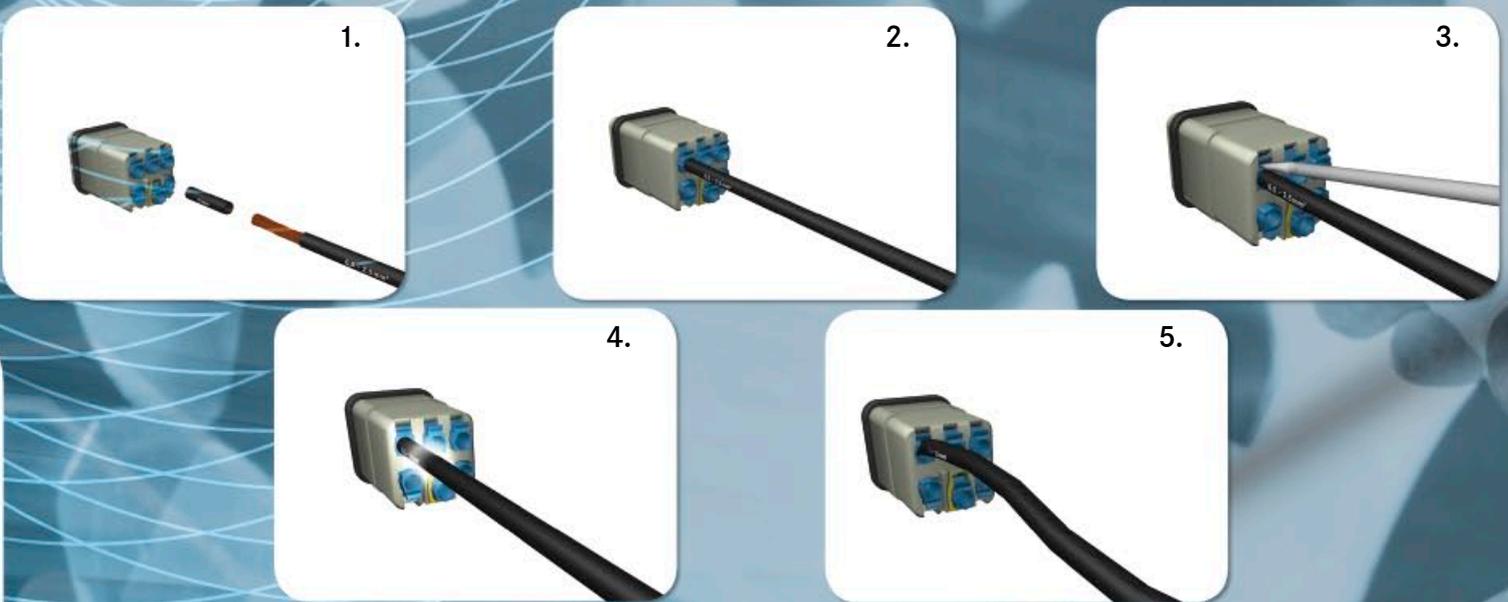
• twisted pair wires



### Technical variables Han-Quick Lock®

#### Material:

Isolation body: polycarbonate • Active termination element: polycarbonate • Quick-Lock spring: stainless steel • Contact: copper alloy • Blue slide: Terminal cross-section 0.5 - 2.5 mm<sup>2</sup> / AWG 20 - 14  
Black slide: Terminal cross-section 0.25 - 1.5 mm<sup>2</sup> / AWG 23 - 16 • Stripping length: 10 mm  
Insulating resistance > 10<sup>10</sup> Ohm • Flammability according to UL 94 V 0 • Mechanical working life ≥ 500 mating cycles • Termination tool: screwdriver 0.4 x 2.5 mm or 0.5 x 3.0 mm



## 2.1 Assembly

### 1. Step:

Removing cable sheath and wire stripping (10 mm). Do not twist conductors.

### 2. Step:

Insert wire into the **Han-Quick Lock**<sup>®</sup> contact chamber.

### 3. Step:

Push in the active termination element with a screwdriver until it comes to a stop.

### 4. Step:

Visual inspection - Check if the wire is deep enough in the contact chamber.

### 5. Step:

Tensile test - Check, whether the wire is in the contact chamber firmly enough.



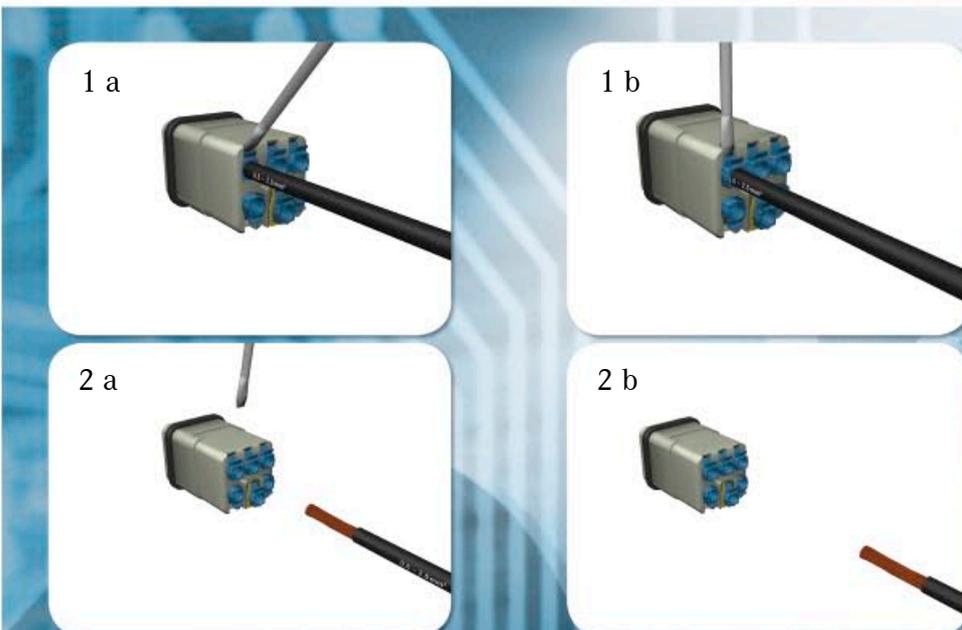
## 2.2 Disassembly

1 a/b Step:

Insert a screwdriver into the side slot of the active termination element at an angle and slide this out.

2 a/b Step:

Pull the wire out.





### 3.0 Complete build-up

The Han-**Quick Lock**® termination consists of three individual components:

1. Contact with cone
2. Spring
3. Active termination element

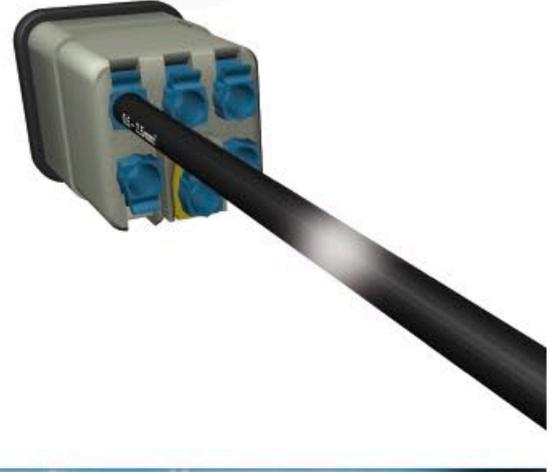


## 4.0 Active termination element

X-ray of the new **Han-Quick Lock**<sup>®</sup> connection showing the method of termination.

Photos showing the combination of wire, cone and spring.





## 5.0 Advantages of Han-Quick Lock®

Han-Quick Lock® is a new generation of connection technology.

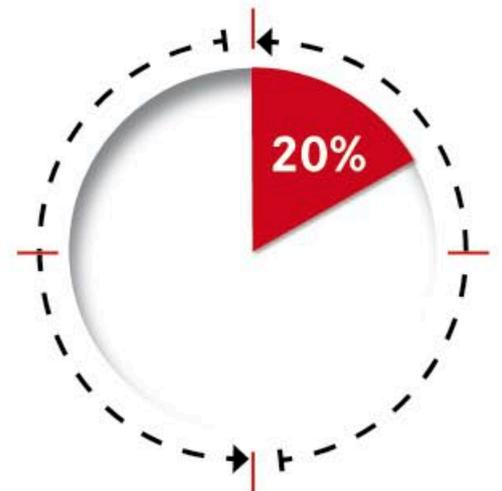
This HARTING patent technique offers a number of advantages which are explained more precisely on the following pages.

The special features of this connection technology are:

1. Time saving
2. High vibration safety
3. High wire pull out forces
4. Low contact resistance

### 5.1 Time saving

With use of Han-Quick Lock® a time saving of more than 20% is achieved against a traditional screw connection technique.

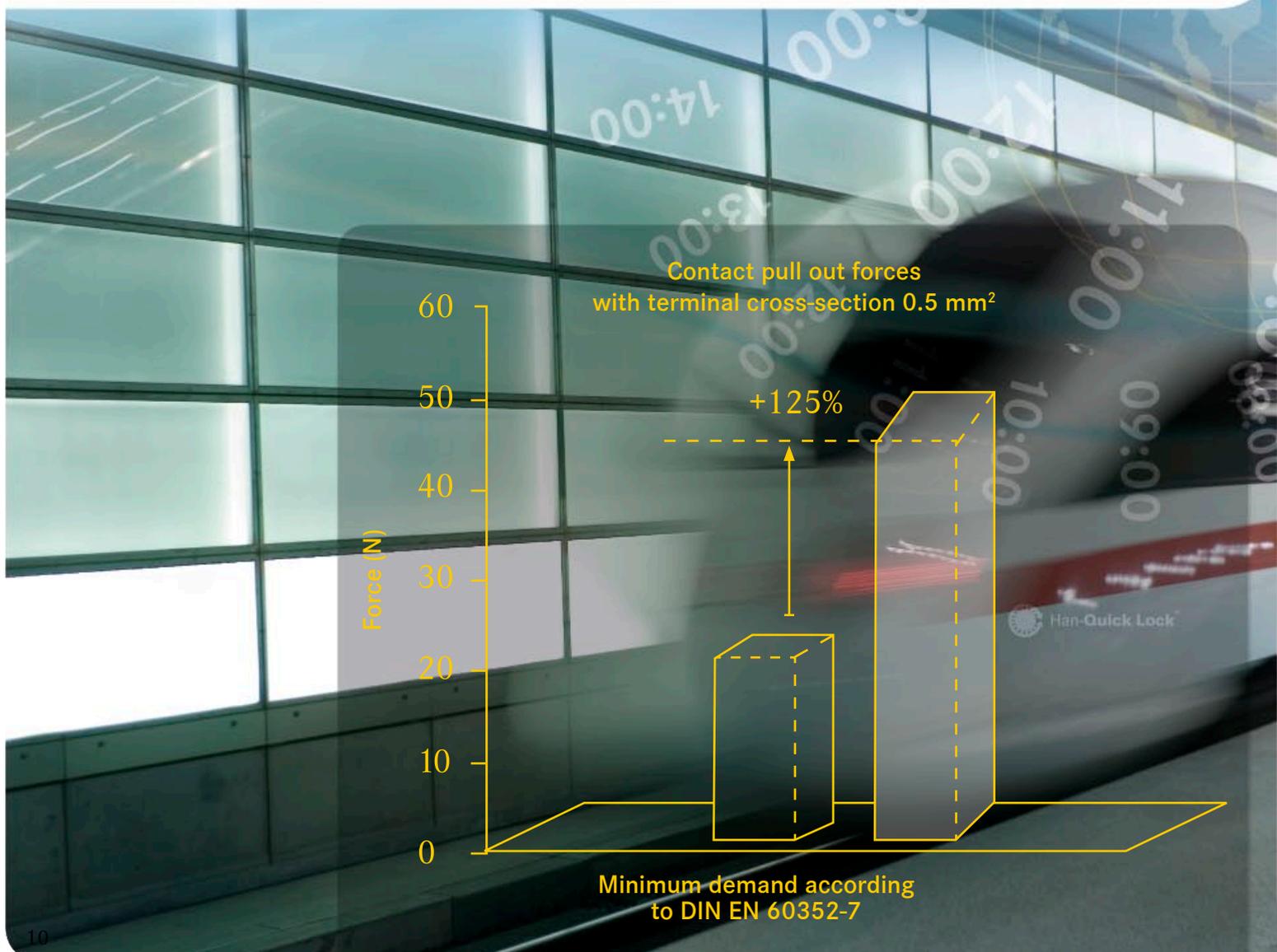


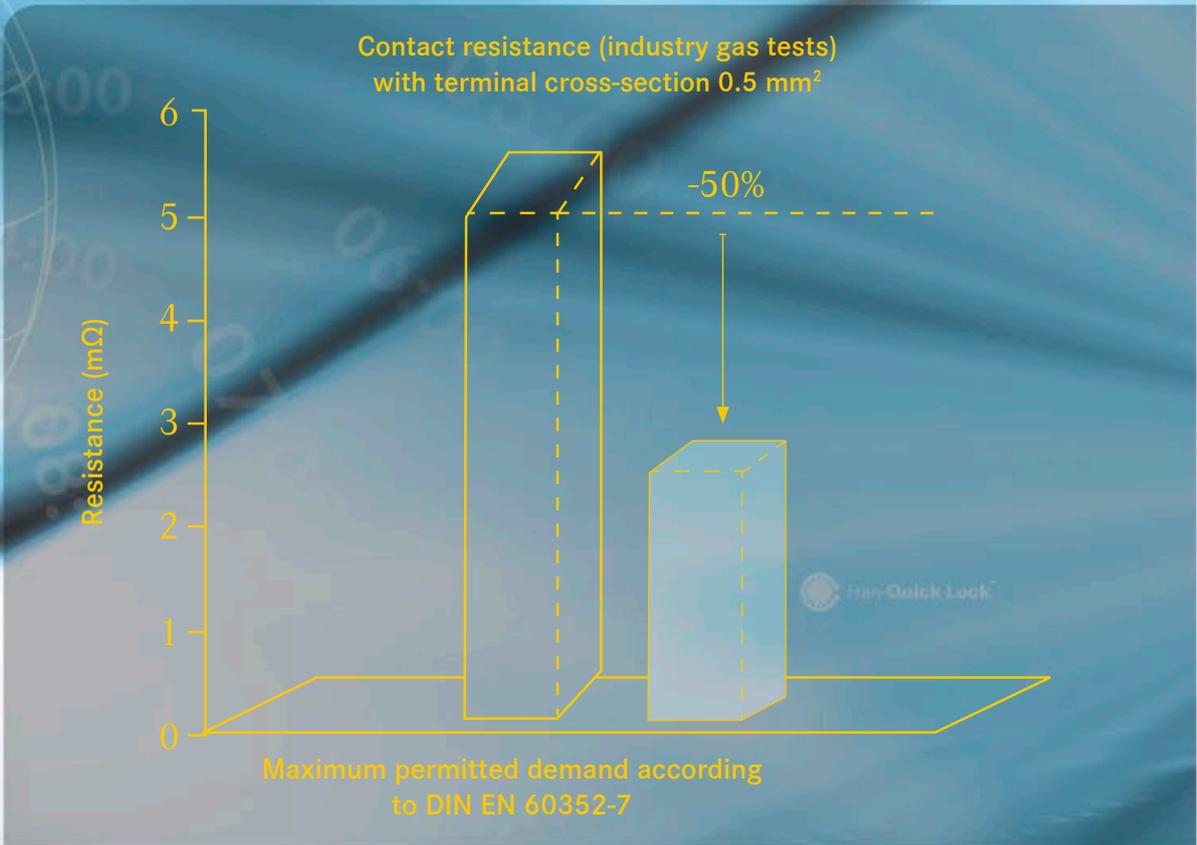
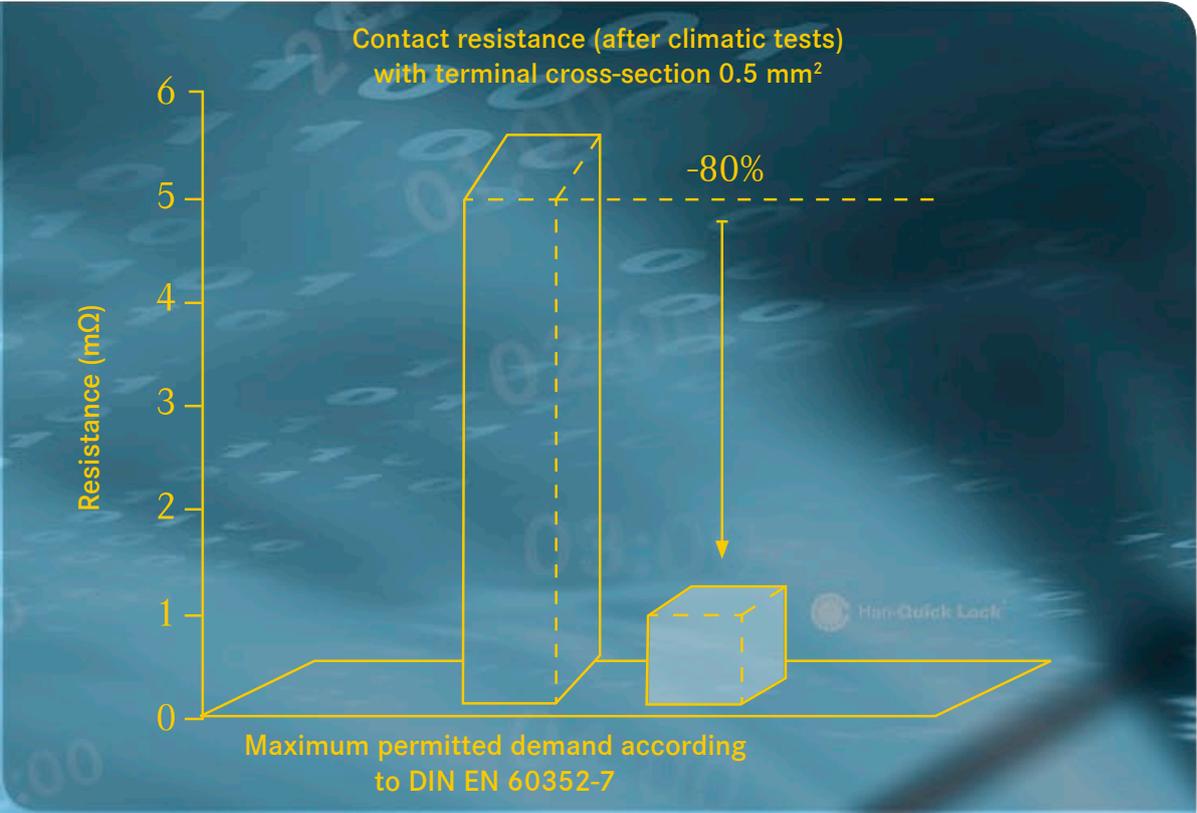
## 5.2 Vibration safety

The wires terminated with **Han-Quick Lock**<sup>®</sup> fulfil the high requirements (shock and vibration test according to DIN EN 61373) from the transportation market.

## 5.3 Contact pull out forces

The required minimum demands according to DIN EN 60352-7 are greatly exceeded.





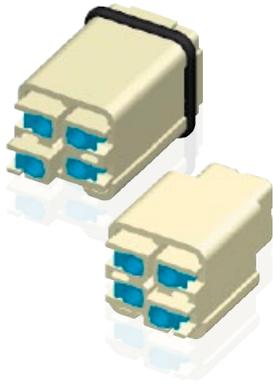
### 5.4 Contact resistance

Contact resistance **Han-Quick Lock**<sup>®</sup> termination achieves considerably lower figures than the permitted values after climate and gas tests according to DIN EN 60352-7.

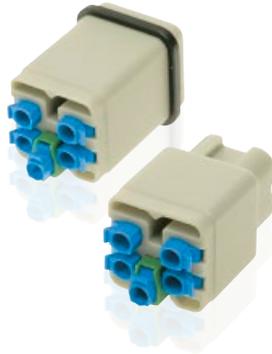
## 6.0 Product portfolio

Overview of the existing product portfolio **Han-Quick Lock®**

Han® 3 A



Han® 4 A



Han® Q 5/0



Han® Q 8/0



Han® Q 12/0



Han® PushPull Power 4/0



**Han® 7 D**



**Han® 8 D**



**Han DD® Module**



**Han® EE Module**



## 6.1 Han® 3 A Quick Lock

### Characteristics

- Blue slide
- **Han-Quick Lock®** quick termination technology
- Field assembly without special tool
- Compatible with standard Han® 3 A inserts
- Reduced assembly times
- Fully compatible with the metal and plastic housings of the Han® 3 A series

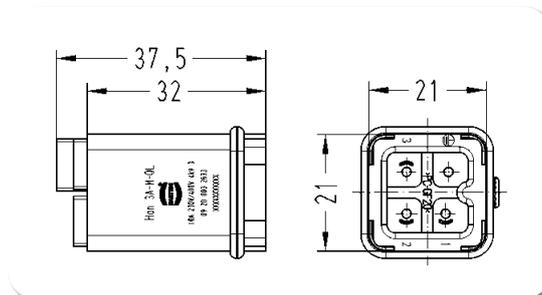
### Technical details

- |  |                       |
|--|-----------------------|
| • Degree of protection                       | IP 65 / IP 67         |
| • Number of contacts                         | 3 + PE                |
| • Electrical data according to DIN EN 61 984 | 10 A 230/400 V 4 kV 3 |
| • Working current                            | 10 A                  |
| • Working voltage conductor-ground           | 230 V                 |
| • Working voltage conductor-conductor        | 400 V                 |
| • Rated impulse voltage                      | 4 kV                  |
| • Pollution degree                           | 3                     |

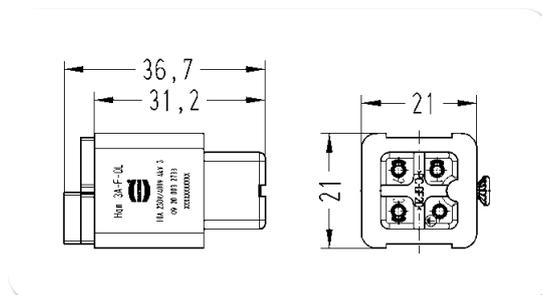
### Termination

- |                                   |   |
|-----------------------------------|---|
| • Terminal cross-section          | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                        | Polycarbonate                           |
| • Flammability according to UL 94 | V 0                                     |
| • Mechanical working life         | ≥ 500 mating cycles                     |

### Han-Quick Lock®



Male insert  
Part number: 09 20 003 2633



Female insert  
Part number: 09 20 003 2733

## 6.2 Han® 4 A Quick Lock

### Characteristics

- Blue slide
- **Han-Quick Lock®** quick termination technology
- Field assembly without special tool
- Compatible with standard Han® 4 A inserts
- Reduced assembly times
- Fully compatible with the metal and plastic housings of the Han® 3 A series

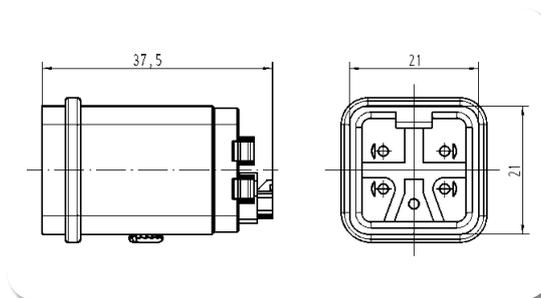
### Technical details

- |  |                       |
|--|-----------------------|
| • Degree of protection                       | IP 65 / IP 67         |
| • Number of contacts                         | 4 + PE                |
| • Electrical data according to DIN EN 61 984 | 10 A 230/400 V 4 kV 3 |
| • Working current                            | 10 A                  |
| • Working voltage conductor-ground           | 230 V                 |
| • Working voltage conductor-conductor        | 400 V                 |
| • Rated impulse voltage                      | 4 kV                  |
| • Pollution degree                           | 3                     |
| • Pollution degree 2 also                    | 10 A 320/500 V 4 kV 2 |

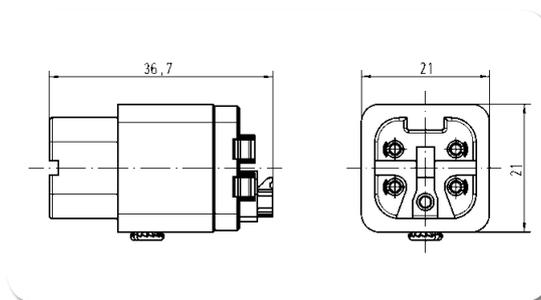
### Termination

- |                                   |   |
|-----------------------------------|---|
| • Terminal cross-section          | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                        | Polycarbonate                           |
| • Flammability according to UL 94 | V 0                                     |
| • Mechanical working life         | ≥ 500 mating cycles                     |

### Han-Quick Lock®



Male insert  
Part number: 09 20 004 2633



Female insert  
Part number: 09 20 004 2733

## 6.3 Han® Q 5/0 Quick Lock

### Characteristics

- Blue slide
- **Han-Quick Lock®** quick termination technology
- Field assembly without special tool
- Reduced assembly times
- Fully compatible with the metal and plastic housings of the Han® 3 A series
- Compatible with Han® Q 5/0 crimp inserts

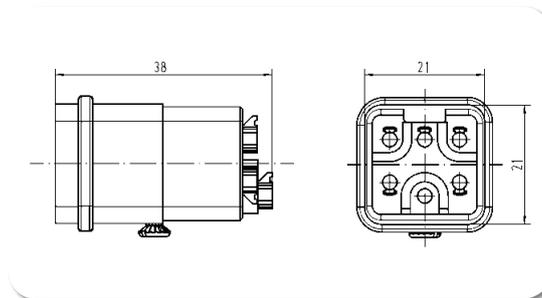
### Technical details

- |   |                       |
|---|-----------------------|
| • Degree of protection                          | IP 65 / IP 67         |
| • Number of contacts                            | 5 + PE                |
| • Electrical data according to<br>DIN EN 61 984 | 16 A 230/400 V 4 kV 3 |
| • Working current                               | 16 A                  |
| • Working voltage conductor-ground              | 230 V                 |
| • Working voltage conductor-conductor           | 400 V                 |
| • Rated impulse voltage                         | 4 kV                  |
| • Pollution degree                              | 3                     |
| • Pollution degree 2 also                       | 16 A 320/500 V 4 kV 2 |

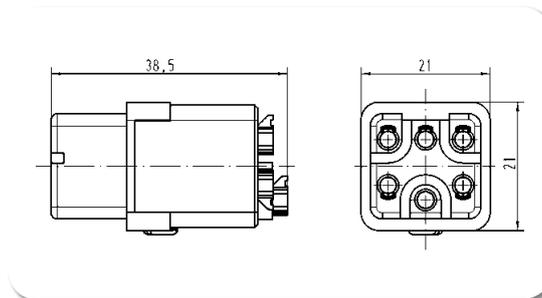
### Termination

- |                                   |   |
|-----------------------------------|---|
| • Terminal cross-section          | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                        | Polycarbonate                           |
| • Flammability according to UL 94 | V 0                                     |
| • Mechanical working life         | ≥ 500 mating cycles                     |

### Han-Quick Lock®



Male  
Part number: 09 12 005 2633



Female  
Part number: 09 12 005 2733

## 6.4 Han® Q 8/0 Quick Lock

### Characteristics

- Blue slide
- Han-**Quick Lock**® quick termination technology
- Field assembly without special tools
- Compatible with Han® Q 8/0 standard inserts with crimp terminal
- Reduced wiring times
- Insert suitable for plastic hoods and housings of the sizes Han-Compact®
- Space-saving and compact design
- Leading protective ground contact

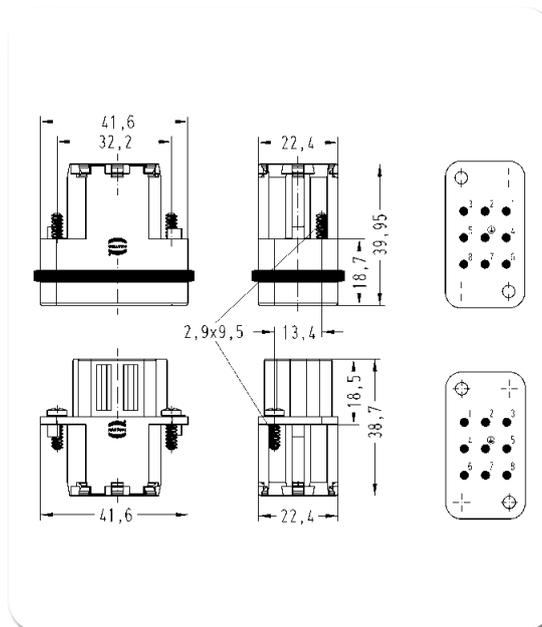
### Technical details

- |  |                                  |
|--|----------------------------------|
| • Specifications                             | DIN EN 60 664-1<br>DIN EN 61 984 |
| • Number of contacts                         | 8 + PE                           |
| • Electrical data according to DIN EN 61 984 | 16 A 500 V 6 kV 3                |
| • Working current                            | 16 A                             |
| • Working voltage                            | 500 V                            |
| • Rated impulse voltage                      | 6 kV                             |
| • Pollution degree                           | 3                                |
| • Pollution degree 2 also                    | 16 A 400/690 V 6 kV 2            |

### Termination

- |                                   |   |
|-----------------------------------|---|
| • Terminal cross-section          | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                        | Polycarbonate                           |
| • Category temperature            | -40 °C ... +125 °C                      |
| • Flammability according to UL 94 | V 0                                     |
| • Mechanical working life         | ≥ 500 mating cycles                     |

### Han-Quick Lock®



Male  
Part number: 09 12 008 2633

Female  
Part number: 09 12 008 2733

# 6.5 Han<sup>®</sup> Q 12/0

## Characteristics

- Blue slide
- PE-contact with **Han-Quick Lock<sup>®</sup>** quick termination technology
- 16x coding possibilities without loss of a contact place
- Fully compatible with the metal and plastic housings of the Han<sup>®</sup> 3 A series
- 12 contact chambers for the contacts of the series Han D<sup>®</sup> with crimp termination

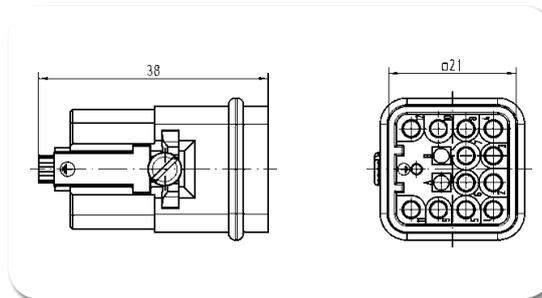
## Technical details

- |  |  |
|--|--|
| • Specifications                             | DIN VDE 0627 / 0110<br>DIN EN 61 984               |
| • Number of contacts                         | 12 + PE  |
| • Electrical data according to DIN EN 61 984 | 10 A 400 V 6 kV 3                                  |
| • Working current                            | 10 A   |
| • Working voltage                            | 400 V  |
| • Rated impulse voltage                      | 6 kV   |
| • Pollution degree                           | 3  |
| • Pollution degree 2 also                    | 10 A 400/690 V 6 kV 2                              |
| • Termination Han D <sup>®</sup> contacts    | Crimp; 0.14 - 2.5 mm <sup>2</sup><br>(AWG 26 - 14) |

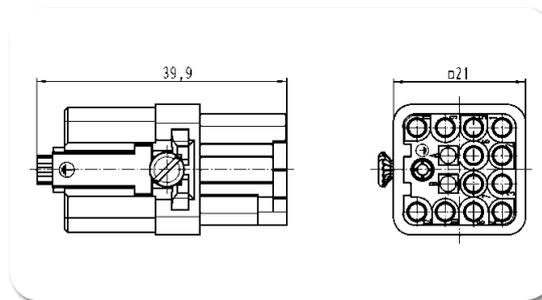
## Termination PE-contact

- |                                     |   |
|-------------------------------------|---|
| • Terminal cross-section PE-contact | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance             | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                          | Polycarbonate                           |
| • Category temperature              | -40 °C ... +125 °C                      |
| • Flammability according to UL 94   | V 0                                     |
| • Mechanical working life           | ≥ 500 mating cycles                     |

## Han-Quick Lock<sup>®</sup>



Male  
Part number: 09 12 012 3001



Female  
Part number: 09 12 012 3101

# 6.6 Han® PushPull Power 4/0 Quick Lock

## Characteristics

- HARTING PushPull Technologie
- Compact, space-saving design
- Finger protection

## Technical details

- Locking device
- Degree of protection
- Number of contacts
- Electrical data according to DIN EN 61 984
- Cable diameter

PushPull-Technologie  
IP 65 / IP 67  
4 + PE

16 A 690 V 4 kV 3  
4 - 11 mm metal version  
9 -13 mm plastic version

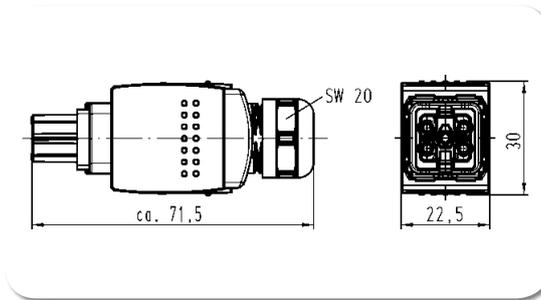
## Termination

- Terminal cross-section
- Housing material

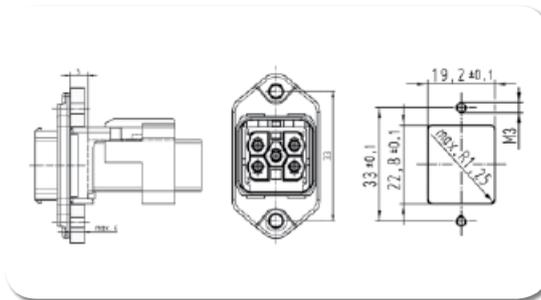
## Han-Quick Lock®

0.5 - 2.5 mm<sup>2</sup> (AWG 20 - 14)  
Zinc die-cast (nickel plated),  
Plastic

### Metal

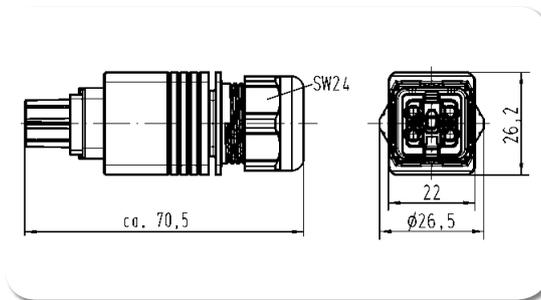


Cable side female  
Part number: 09 35 232 0401

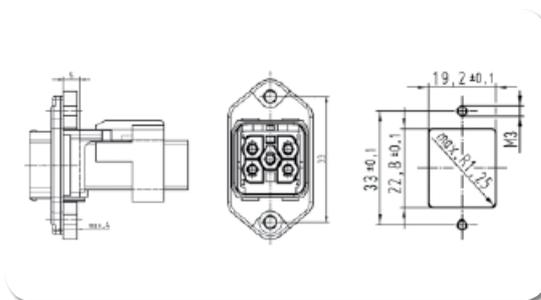


Bulkhead mounting male  
Part number: 09 35 232 0313

### Plastic



Cable side female  
Part number: 09 35 232 0421



Bulkhead mounting male  
Part number: 09 35 232 0333

## 6.7 Han® 7 D Quick Lock

### Characteristics

- Black slide
- Han-**Quick Lock**® quick termination technology
- Field assembly without special tools
- Compatible with Han® 7 D standard inserts with crimp terminals
- Reduced wiring times
- Insert suitable for plastic hoods and housings using the Han® 3 A size
- Space-saving and compact design
- Leading protective ground contact

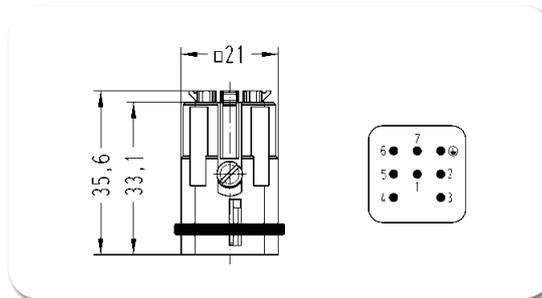
### Technical details

- |  |  |
|--|--|
| • Specifications                             | DIN EN 60 664-1<br>DIN EN 61 984<br>7 + PE |
| • Number of contacts                         | 10 A 250 V 4 kV 3                          |
| • Electrical data according to DIN EN 61 984 | 10 A                                       |
| • Working current                            | 250 V                                      |
| • Working voltage                            | 4 kV                                       |
| • Rated impulse voltage                      | 3  |
| • Pollution degree                           | 10 A 230/400 V 4 kV 2                      |
| • Pollution degree 2 also                    |  |

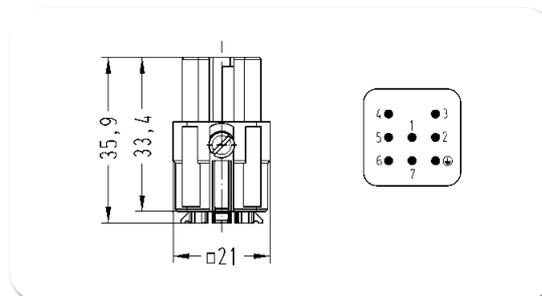
### Termination

- |                                   |  |
|-----------------------------------|--|
| • Terminal cross-section          | 0.25 - 1.5 mm <sup>2</sup> (AWG 24 - 16) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                   |
| • Material                        | Polycarbonate                            |
| • Category temperature            | -40 °C ... +125 °C                       |
| • Flammability according to UL 94 | V 0                                      |
| • Mechanical working life         | ≥ 500 mating cycles                      |

### Han-Quick Lock®



Male  
Part number: 09 21 007 2632



Female  
Part number: 09 21 007 2732

## 6.8 Han® 8 D Quick Lock

### Characteristics

- Black slide
- Han-**Quick Lock**® quick termination technology
- Field assembly without special tools
- Compatible with Han® 8 D standard inserts with crimp terminals
- Reduced wiring times
- Insert suitable for metal hoods and housings using the Han® 3 A size
- Space-saving and compact design
- Leading protective ground contact

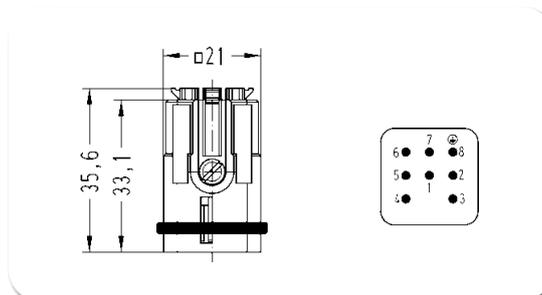
### Technical details

- |  |                                  |
|--|----------------------------------|
| • Specifications                             | DIN EN 60 664-1<br>DIN EN 61 984 |
| • Number of contacts                         | 8                                |
| • Electrical data according to DIN EN 61 984 | 10 A ~50 V / -120 V 4 kV 3       |
| • Working current                            | 10 A                             |
| • Working voltage                            | ~50 V / -120 V                   |
| • Rated impulse voltage                      | 4 kV                             |
| • Pollution degree                           | 3                                |

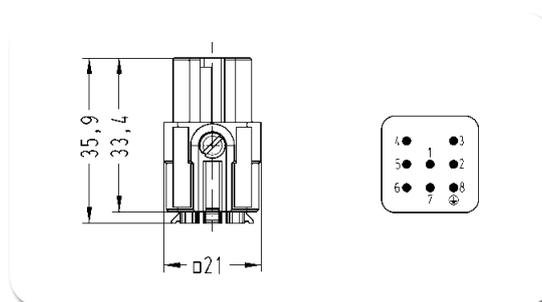
### Termination

- |                                   |  |
|-----------------------------------|--|
| • Terminal cross-section          | 0.25 - 1.5 mm <sup>2</sup> (AWG 24 - 16) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                   |
| • Material                        | Polycarbonate                            |
| • Category temperature            | -40 °C ... +125 °C                       |
| • Flammability according to UL 94 | V 0                                      |
| • Mechanical working life         | ≥ 500 mating cycles                      |

### Han-Quick Lock®



Male  
Part number: 09 12 012 3001



Female  
Part number: 09 12 012 3101

## 6.9 Han DD<sup>®</sup> Module Quick Lock

### Characteristics

- Black slide
- Han-**Quick Lock**<sup>®</sup> quick termination technology
- Field assembly without special tools
- Mating compatible with standard Han DD<sup>®</sup> Module with crimp terminal
- Reduced wiring times

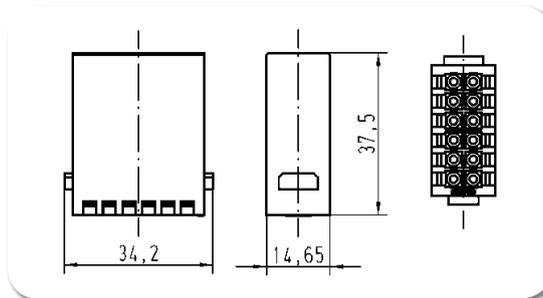
### Technical details

- |  |  |
|--|--|
| • Specifications                             | DIN EN 60 664-1<br>DIN EN 61 984<br>12 |
| • Number of contacts                         | 10 A 250 V 4 kV 3                      |
| • Electrical data according to DIN EN 61 984 | 10 A                                   |
| • Working current                            | 250 V                                  |
| • Working voltage                            | 4 kV                                   |
| • Rated impulse voltage                      | 3                                      |
| • Pollution degree                           |  |

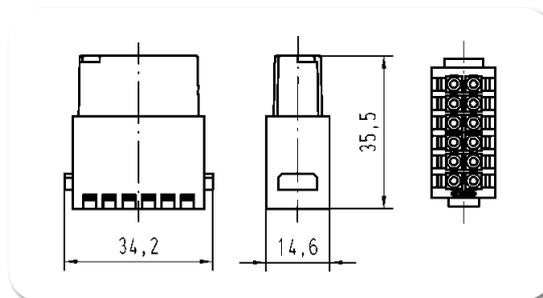
### Termination

- |                                   |  |
|-----------------------------------|--|
| • Terminal cross-section          | 0.25 - 1.5 mm <sup>2</sup> (AWG 24 - 16) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                   |
| • Material                        | Polycarbonate                            |
| • Category temperature            | -40 °C ... +125 °C                       |
| • Flammability according to UL 94 | V 0                                      |
| • Mechanical working life         | ≥ 500 mating cycles                      |

### Han-Quick Lock<sup>®</sup>



Male  
Part number: 09 14 012 2632



Female  
Part number: 09 14 012 2732

## 6.10 Han® EE Module Quick Lock

### Characteristics

- Blue slide
- Han-**Quick Lock**® quick termination technology
- Field assembly without special tools
- Mating compatible with standard Han® EE module with crimp terminal
- Reduced wiring times

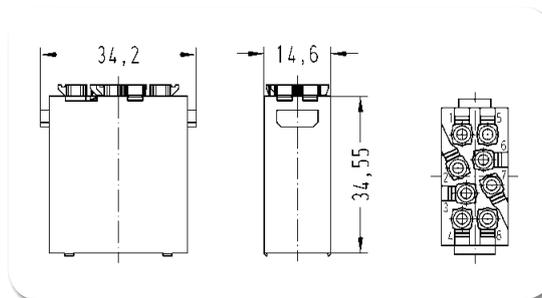
### Technical details

- |  |                                  |
|--|----------------------------------|
| • Specifications                             | DIN EN 60 664-1<br>DIN EN 61 984 |
| • Number of contacts                         | 8                                |
| • Electrical data according to DIN EN 61 984 | 16 A 400 V 6 kV 3                |
| • Working current                            | 16 A                             |
| • Working voltage                            | 400 V                            |
| • Rated impulse voltage                      | 6 kV                             |
| • Pollution degree                           | 3                                |
| • Pollution degree 2 also                    | 16 A 400/690 V 6 kV 2            |

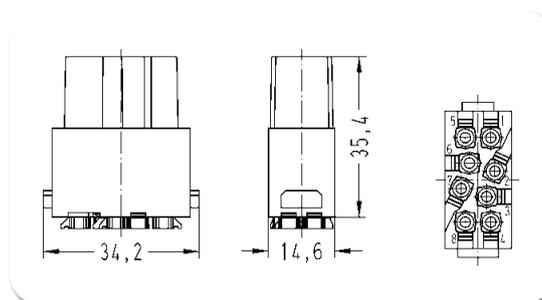
### Termination

- |                                   |   |
|-----------------------------------|---|
| • Terminal cross-section          | 0.5 - 2.5 mm <sup>2</sup> (AWG 20 - 14) |
| • Insulation resistance           | ≥ 10 <sup>10</sup> Ohm                  |
| • Material                        | Polycarbonate                           |
| • Category temperature            | -40 °C ... +125 °C                      |
| • Flammability according to UL 94 | V 0                                     |
| • Mechanical working life         | ≥ 500 mating cycles                     |

### Han-Quick Lock®

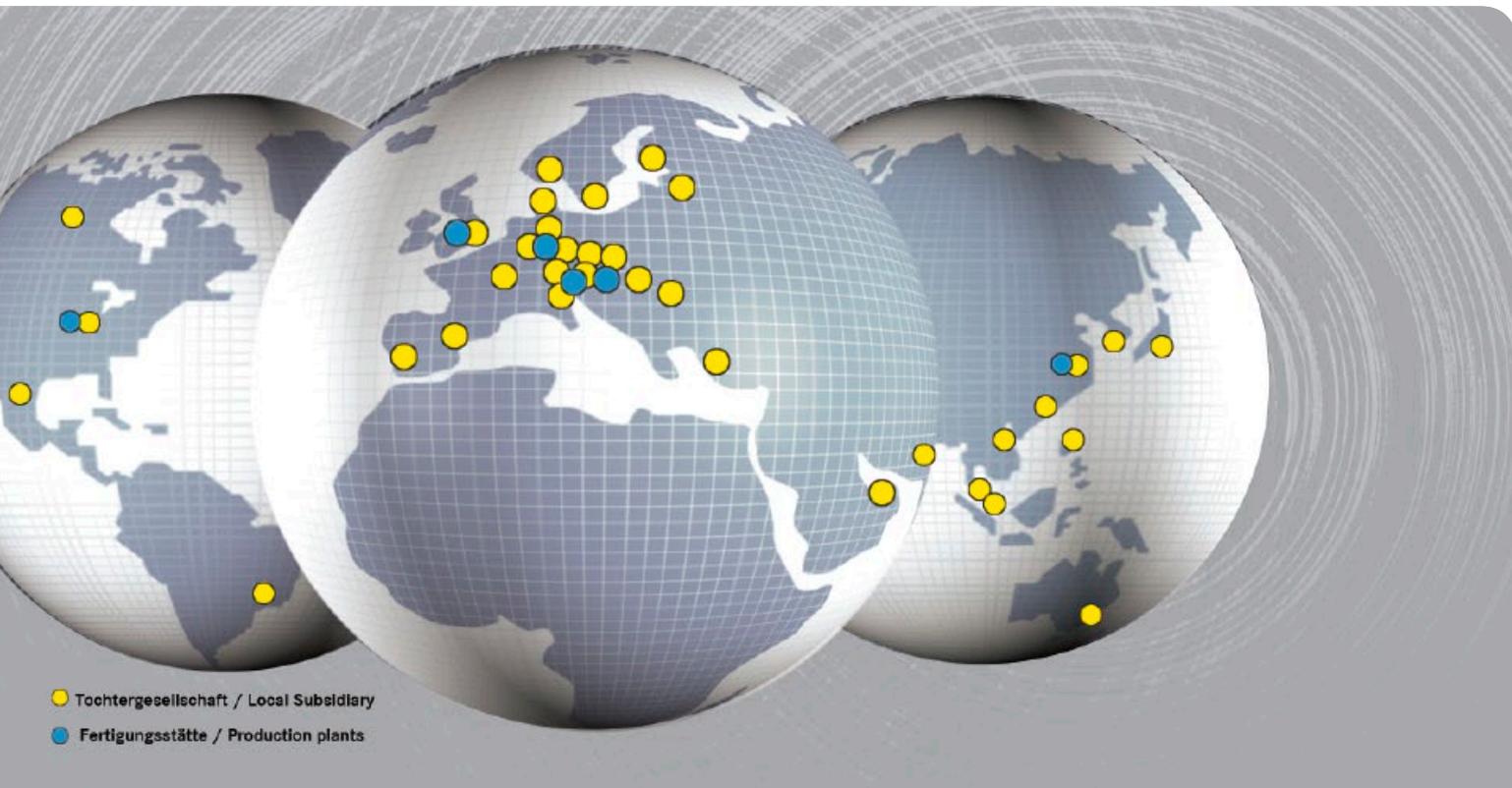


Male  
Part number: 09 14 008 2633



Female  
Part number: 09 14 008 2733





## Sales Network – worldwide



### Albania

see Eastern Europe

### Argentina

see Brazil

### Armenia

see Eastern Europe

### Australia

HARTING Pty Ltd  
Suite 11 / 2 Enterprise Drive  
Bundoora 3083, AUS-Victoria  
Phone +61 9466 7088  
Fax +61 9466 7088  
au@HARTING.com  
www.HARTING.com

### Austria

HARTING Ges.m.b.H.  
Deutschstraße 19, A-1230 Wien  
Phone +431 6162121  
Fax +431 6162121-21  
at@HARTING.com  
www.HARTING.at

### Azerbaijan

see Eastern Europe

### Belarus

see Eastern Europe

### Belgium

HARTING N.V./S.A.  
Z.3 Doornveld 23, B-1731 Zellik  
Phone +32 2 466 0190  
Fax +32 2 466 7855  
be@HARTING.com  
www.HARTING.be

### Bosnia and Herzegovina

see Eastern Europe

### Brazil

HARTING Ltda.  
Av. Dr. Lino de Moraes  
Pq. Jabaquara, 255  
CEP 04360-001 – São Paulo –  
SP – Brazil  
Phone +55 11 5035 0073  
Fax +55 11 5034 4743  
br@HARTING.com  
www.HARTING.com.br

### Brunei

see Singapore

### Bulgaria

see Eastern Europe

### Canada

see USA

### China

Zhuhai HARTING Limited  
Shanghai branch  
Room 5403, HK New World Tower  
300 Huai Hai Road (M.)  
Shanghai 200021, China  
Phone +86 21 6386 2200  
Fax +86 21 6386 8636  
cn@HARTING.com  
www.HARTING.com.cn

### Croatia

see Eastern Europe

### Czech Republic

HARTING s.r.o.  
Ml'ynská 2, CZ-160 00 Praha 6  
Phone +420 220 380 460  
Fax +420 220 380 461  
cz@HARTING.com  
www.HARTING.cz

### Denmark

HARTING ApS  
Phone +45 75 67 43 42  
Fax +45 75 67 43 43  
dk@HARTING.com  
www.HARTING.com

### Denmark

Wexøe A/S  
Lejrvej 31, DK-3500 Vaerloese  
Phone +4545465800  
Fax +4545465801  
wexoe@wexoe.dk  
www.wexoe.dk

## Eastern Europe

HARTING Eastern Europe GmbH  
Bamberger Straße 7  
D-01187 Dresden  
Phone +49 351 4361 760  
Fax +49 351 436 1770  
Eastern.Europe@HARTING.com  
www.HARTING.com

## Estonia

see Eastern Europe

## Finland

HARTING Oy  
Teknobulevardi 3-5, PL 35  
FI-01530 Vantaa  
Phone +358 9 350 87 300  
Fax +358 9 350 87 320  
fi@HARTING.com  
www.HARTING.fi

## France

HARTING France  
181 avenue des Nations, Paris Nord 2  
BP 66058 Tremblay en France  
F-95972 Roissy Charles de Gaulle  
Cédex  
Phone +33 1 4938 3400  
Fax +33 1 4863 2306  
fr@HARTING.com  
www.HARTING.fr

## Germany

HARTING Deutschland GmbH & Co. KG  
P.O. Box 2451, D-32381 Minden  
Simeons carré 1, D-32427 Minden  
Phone +49 571 8896 0  
Fax +49 571 8896 282  
de@HARTING.com  
www.HARTING-Deutschland.de

## Germany (Office)

HARTING Deutschland GmbH & Co. KG  
Blankenauer Straße 99  
D-09113 Chemnitz  
Phone +49 0371 429211  
Fax +49 0371 429222  
de.sales@HARTING.com  
www.HARTING-Deutschland.de

## Georgia

see Eastern Europe

## Great Britain

HARTING Ltd., Caswell Road  
Brackmills Industrial Estate  
GB-Northampton, NN4 7PW  
Phone +44 1604 827 500  
Fax +44 1604 706 777  
gb@HARTING.com  
www.HARTING.co.uk

## Hong Kong

HARTING (HK) Limited  
Regional Office Asia Pacific  
3512 Metroplaza Tower 1  
223 Hing Fong Road  
Kwai Fong, N. T., Hong Kong  
Phone +852 2423 7338  
Fax +852 2480 4378  
ap@HARTING.com  
www.HARTING.com.hk

## Hungary

HARTING Magyarország Kft.  
Fehérvári út 89-95, H-1119 Budapest  
Phone +36 1 205 34 64  
Fax +36 1 205 34 65  
hu@HARTING.com  
www.HARTING.hu

## India

HARTING India Private Limited  
No. D, 4th Floor, 'Doshi Towers'  
No. 156 Poonamallee High Road  
Kilpauk, Chennai 600 010  
Tamil Nadu, India  
Phone +91 44 435604 15 / 016  
Fax +91 44 435604 17  
in@HARTING.com  
www.HARTING.com

## Indonesia

see Malaysia

## Island

Smith & Norland, Nóatún 4  
IS – 105 Reykjavik  
Phone +354 520 3000, Fax +354 520 3011  
olaf@sminor.is, www.sminor.is

## Israel

COMTEL  
Israel Electronics Solutions Ltd.  
Bet Hapamon, 20 Hataas st.  
P.O.Box 66  
Kefar-Saba 44425  
Phone +972-9-7677240  
Fax +972-9-7677243  
sales@comtel.co.il  
www.comtel.co.il

## Italy

HARTING SpA  
Via Dell' Industria 7  
I-20090 Vimodrone (Milano)  
Phone +39 02 250801  
Fax +39 02 2650 597  
it@HARTING.com  
www.HARTING.it

## Japan

HARTING K. K.  
Yusen Shin-Yokohama 1 Chome Bldg., 2F  
1-7-9, Shin-Yokohama, Kohoku-ku  
Yokohama 222-0033 Japan  
Phone +81 45 476 3456  
Fax +81 45 476 3466  
jp@HARTING.com  
www.HARTING.co.jp

## Kazakhstan

see Eastern Europe

## Kirghizia

see Eastern Europe

## Korea (South)

HARTING Korea Limited  
#308 Yatap Leaders Building, 342-1  
Yatap-dong, Bundang-gu  
Sunghnam-City, Kyunggi-do  
463-828, Republic of Korea  
Phone +82 31 781 4615  
Fax +82 31 781 4616  
kr@HARTING.com  
www.HARTING.com.cn/kr

## Kosovo

see Eastern Europe

## Latvia

see Eastern Europe

## Lithuania

see Eastern Europe

## Macedonia

see Eastern Europe

## Malaysia (Office)

HARTING Singapore Pte Ltd  
Malaysia Branch  
11-02 Menara Amcorp  
Jln. Persiaran Barat  
46200 PJ, Sel. D. E., Malaysia  
Phone +60 3 / 7955 6173  
Fax +60 3 / 7955 5126  
sg@HARTING.com

## Montenegro

see Eastern Europe

## Netherlands

HARTING B.V.  
Larenweg 44  
NL-5234 KA 's-Hertogenbosch  
Postbus 3526  
NL-5203 DM 's-Hertogenbosch  
Phone +31 736 410 404  
Fax +31 736 440 699  
nl@HARTING.com  
www.HARTINGbv.nl

## Norway

HARTING A/S  
Øststensjøveien 36, N-0667 Oslo  
Phone +47 22 700 555  
Fax +47 22 700 570  
no@HARTING.com  
www.HARTING.no

## Philippines

see Malaysia



## Poland

HARTING Polska Sp. z o. o.  
ul. Kamieńskiego 201-219  
PL-51-126 Wrocław  
Phone +48 71 352 81 71  
Fax +48 71 320 74 44  
pl@HARTING.com  
www.HARTING.pl

## Portugal

HARTING Iberia, S. A.  
Avda. Josep Tarradellas 20-30, 4º 6ª  
E-08029 Barcelona  
Phone +351 219 673 177  
Fax +351 219 678 457  
es@HARTING.com  
www.HARTING.es/pt

## Republic of Moldova

see Eastern Europe

## Romania

HARTING Romania SCS  
Europa Unita str. 21  
550018-Sibiu, Romania  
Phone +40 369-102 671  
Fax +40 369-102 622  
ro@HARTING.com  
www.HARTING.com

## Russia

HARTING ZAO  
Maliy Sampsoniyevsky prospect 2A  
194044 Saint Petersburg, Russia  
Phone +7 812 327 6477  
Fax +7 812 327 6478  
ru@HARTING.com  
www.HARTING.ru

## Serbia

see Eastern Europe

## Singapore

HARTING Singapore Pte Ltd.  
25 International Business Park  
#02-06 German Centre  
Singapore 609916  
Phone +65 6225 5285  
Fax +65 6225 9947  
sg@HARTING.com  
www.HARTING.com

## Slovakia

HARTING s.r.o.  
Sales office Slovakia  
Povážska 2, SK - 940 67 Nové Zámky  
Phone +421 356-493 993  
Fax +421 356-402 114  
sk@HARTING.com  
www.HARTING.sk

## Slovenia

see Eastern Europe

## South Africa

HellermannTyton Pty Ltd.  
Private Bag X158 Rivonia 2128  
34 Milky Way Avenue  
Linbro Business Park 2065, Johannesburg  
Phone +27(0)11879-6600  
Fax +27(0)11879-6606  
sales.jhb@hellermann.co.za

## Spain

HARTING Iberia S.A.  
Avda. Josep Tarradellas 20-30 4º 6ª  
E-08029 Barcelona  
Phone +34 93 363 84 75  
Fax +34 93 419 95 85  
es@HARTING.com  
www.HARTING.es

## Sweden

HARTING AB  
Gustavslundsvägen 141 B 4tr  
S-167 51 Bromma  
Phone +46 8 445 7171  
Fax +46 8 445 7170  
se@HARTING.com  
www.HARTING.se

## Switzerland

HARTING AG  
Industriestrasse 26  
CH-8604 Volketswil  
Phone +41 44 908 20 60  
Fax +41 44 908 20 69  
ch@HARTING.com  
www.HARTING.ch

## Taiwan

HARTING R.O.C. Limited  
Room 1, 5/F  
495 GuangFu South Road  
RC-110 Taipei, Taiwan  
Phone +886 227 586 177  
Fax +886 227 587 177  
tw@HARTING.com  
www.HARTING.com.tw

## Tajikistan

see Eastern Europe

## Thailand

see Malaysia

## Turkey

Gökhan Elektrik San. Tic. Ltd. Sti.  
Perpa Elektrikçiler Is Merkezi A Blok  
Kat:7-8-9 No.694  
80270 Okmeydani/Istanbul  
Phone +90(212) 2213236 (pbx)  
Fax +90(212) 2213240  
gokhan@gokhanelektrik.com.tr  
www.gokhanelektrik.com

## Turkmenistan

see Eastern Europe

## Ukraine

see Eastern Europe

## USA

HARTING Inc. of North America  
1370 Bowes Road  
USA-Elgin, Illinois 60123  
Phone +1 (877) 741-1500 (toll free)  
Fax +1 (866) 278-0307 (Inside Sales)  
Fax +1 (847) 717-9430 (Sales and Marketing)

us@HARTING.com  
www.HARTING-USA.com

## Uzbekistan

see Eastern Europe

## Vietnam (Office)

HARTING Singapore Pte Ltd  
Hanoi Representative Office  
Suite 616, 6th Floor  
Press Club Building  
59A Ly Thai To Street  
Hoan Kiem District  
Hanoi, Vietnam  
Phone +84 4 / 3936 7851  
Fax +84 4 / 3936 8069  
sg@HARTING.com

## Distributors – worldwide



Farnell:  
www.farnell.com

RS Components:  
www.rs-components.com

## Other countries and general contact



HARTING Electric GmbH & Co. KG  
P.O. Box 1473, D-32328 Espelkamp  
Phone +49 5772 47-97100  
Fax + 49 5772 47-495  
electric@HARTING.com



**Pushing Performance**

[www.HARTING.com](http://www.HARTING.com)