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Features

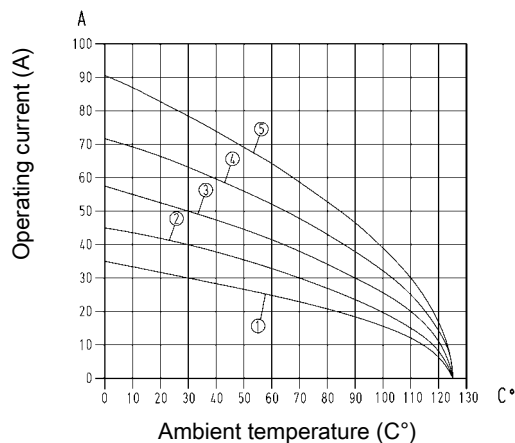
- High current rated compact designed connector
- Mating compatible to the axial screw version
- Suitable for Han® C crimp contacts
- Allows a cost optimised production of high quantities
- Finger safe male and female contacts
- 16 coding options

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 1.5 mm²
- ② Wire cross section 2.5 mm²
- ③ Wire cross section 4 mm²
- ④ Wire cross section 6 mm²
- ⑤ Wire cross section 10 mm²

Technical characteristics

Contacts	2/0
Electrical data acc. to IEC 61984	40 A 400 V 6 kV 3
Rated current	40 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique


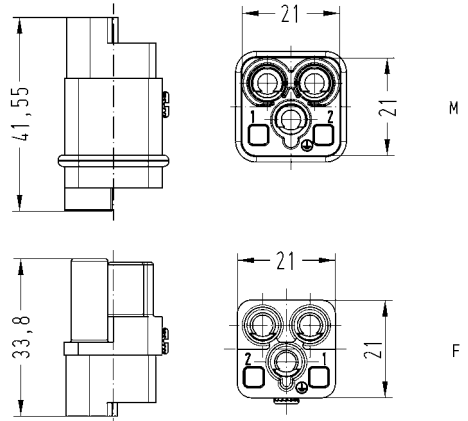


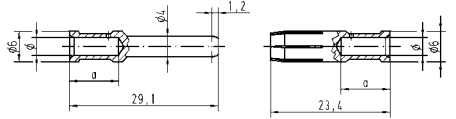
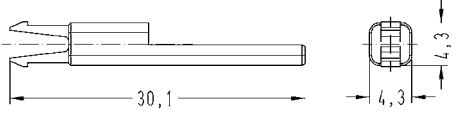
The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Number of contacts

2/0+

400 V
40 A

Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm																		
		male	female																			
Han® Q, Crimp terminal  Please order crimp contacts separately.		09 12 002 3051	09 12 002 3151	 Contact arrangement (view from termination side)																		
Han® C, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm  Coding element, plastic 	1.5 2.5 4 6 10	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108 09 32 000 6109	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208 09 32 000 6209	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm² AWG 16</td> <td>1.75</td> <td>9.5 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25</td> <td>9.5 mm</td> </tr> <tr> <td>4 mm² AWG 12</td> <td>2.85</td> <td>9.5 mm</td> </tr> <tr> <td>6 mm² AWG 10</td> <td>3.5</td> <td>9.5 mm</td> </tr> <tr> <td>10 mm² AWG 8</td> <td>4.3</td> <td>12 mm</td> </tr> </tbody> </table> 	Wire gauge	∅	Stripping length	1.5 mm² AWG 16	1.75	9.5 mm	2.5 mm² AWG 14	2.25	9.5 mm	4 mm² AWG 12	2.85	9.5 mm	6 mm² AWG 10	3.5	9.5 mm	10 mm² AWG 8	4.3	12 mm
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Features

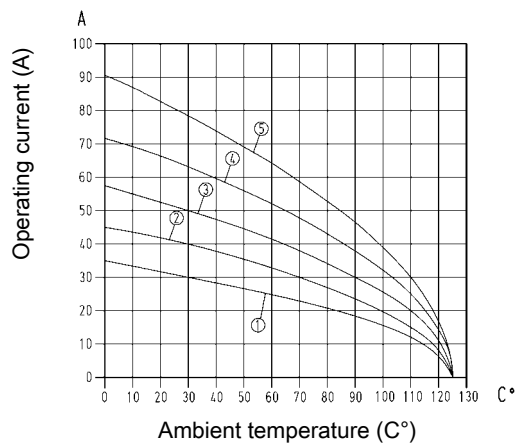
- High current rated compact designed connector
- Mating compatible to the axial screw version
- Suitable for Han® C crimp contacts
- Allows a cost optimised production of high quantities
- Finger safe male and female contacts
- 16 coding options
- For high voltages, please use heat shrink tube (included in delivery range)

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 1.5 mm²
- ② Wire cross section 2.5 mm²
- ③ Wire cross section 4 mm²
- ④ Wire cross section 6 mm²
- ⑤ Wire cross section 10 mm²

Technical characteristics

Contacts	2/0
Electrical data acc. to IEC 61984	40 A 830 V 6 kV 3
Rated current	40 A
Rated voltage	830 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Number of contacts

2/0+

830 V
40 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																		
		male	female																			
<p>Han® Q, Crimp terminal</p> <p>Range of delivery: with heat shrink tube</p> <p>Please order crimp contacts separately.</p>		09 12 002 3052	09 12 002 3152	<p>Contact arrangement (view from termination side)</p>																		
<p>Han® C, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm</p>	1.5 2.5 4 6 10	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108 09 32 000 6109	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208 09 32 000 6209	<table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm² AWG 16</td> <td>1.75</td> <td>9.5 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25</td> <td>9.5 mm</td> </tr> <tr> <td>4 mm² AWG 12</td> <td>2.85</td> <td>9.5 mm</td> </tr> <tr> <td>6 mm² AWG 10</td> <td>3.5</td> <td>9.5 mm</td> </tr> <tr> <td>10 mm² AWG 8</td> <td>4.3</td> <td>12 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	1.5 mm ² AWG 16	1.75	9.5 mm	2.5 mm ² AWG 14	2.25	9.5 mm	4 mm ² AWG 12	2.85	9.5 mm	6 mm ² AWG 10	3.5	9.5 mm	10 mm ² AWG 8	4.3	12 mm
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6 mm ² AWG 10	3.5	9.5 mm																				
10 mm ² AWG 8	4.3	12 mm																				
<p>Coding element, plastic</p>		09 12 000 9922	09 12 000 9922																			

Han Q

Features

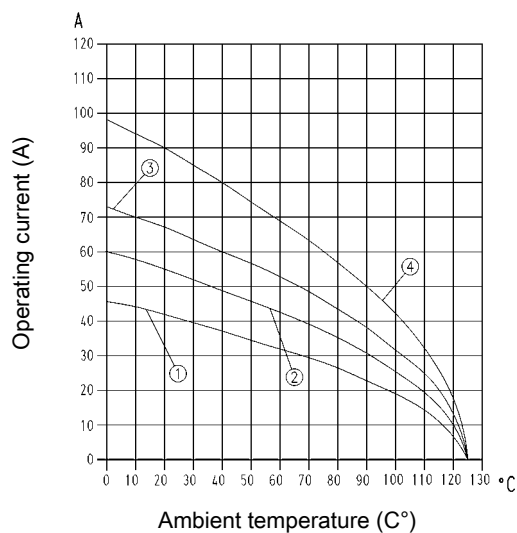
- High current rated compact designed connector
- Mating compatible to the crimp version
- Finger safe male and female contacts
- 16 coding options
- No special tools required for axial-screw termination

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 2.5 mm²
- ② Wire cross section 4 mm²
- ③ Wire cross section 6 mm²
- ④ Wire cross section 10 mm²

Technical characteristics

Contacts	2/0
Electrical data acc. to IEC 61984	40 A 400 V 6 kV 3
Rated current	40 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	400 V
Rated voltage acc. to CSA	400 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Tightening torque	1.8 Nm
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

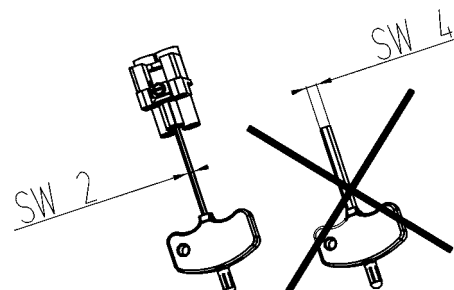
Specifications and approvals

IEC 60664-1
IEC 61984



Details

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.


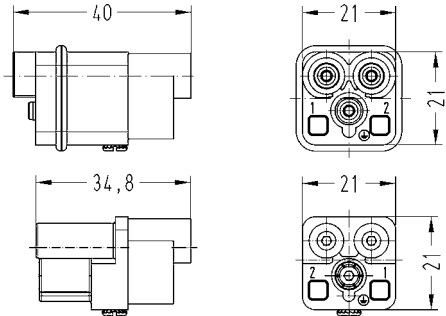

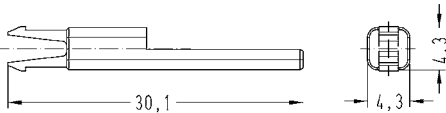


For termination please use only hexagonal screw driver with wrench size SW 2.
If PE contact is not used: Please screw the PE contact maximal on both sides clockwise with a hexagonal screwdriver, wrench size SW 2.

Number of contacts

2/0+

400 V
40 A

Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm	
<p>Han® Q, Axial screw terminal, silver plated contacts, contact resistance ≤1 mOhm</p> 	<p>2.5-6 4-10</p>	<p>09 12 002 2653 09 12 002 2651</p>	<p>09 12 002 2753 09 12 002 2751</p>	 <p>Stripping length 8-9 mm</p>	
<p>Coding element, plastic</p> 		<p>09 12 000 9922</p>	<p>09 12 000 9922</p>		

Han Q

Features

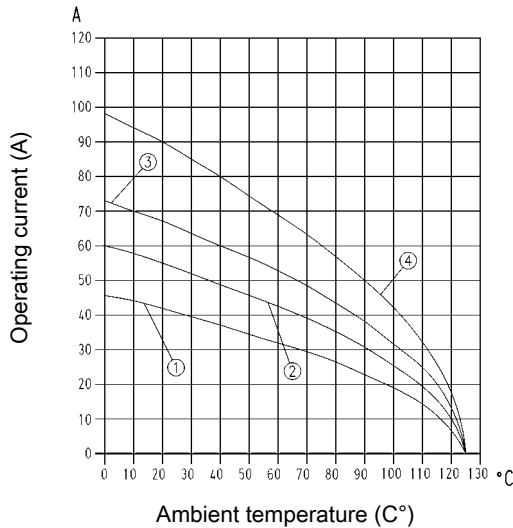
- High current rated compact designed connector
- Mating compatible to the crimp version
- Finger safe male and female contacts
- 16 coding options
- No special tools required for axial-screw termination
- For high voltages, please use heat shrink tube (included in delivery range)

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 2.5 mm²
- ② Wire cross section 4 mm²
- ③ Wire cross section 6 mm²
- ④ Wire cross section 10 mm²

Technical characteristics

Contacts	2/0
Electrical data acc. to IEC 61984	40 A 830 V 6 kV 3
Rated current	40 A
Rated voltage	830 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Tightening torque	1.8 Nm
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

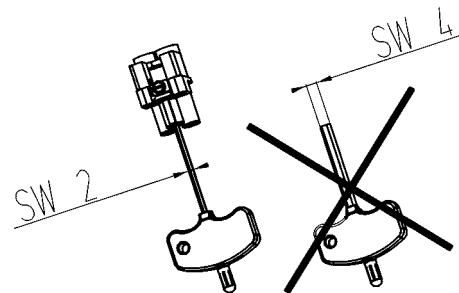
Specifications and approvals

IEC 60664-1
IEC 61984



Details

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.


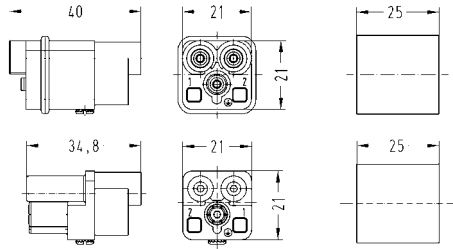

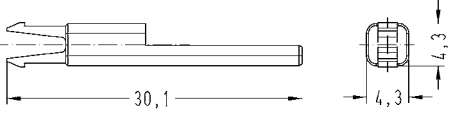


For termination please use only hexagonal screw driver with wrench size SW 2.
If PE contact is not used: Please screw the PE contact maximal on both sides clockwise with a hexagonal screwdriver, wrench size SW 2.

Number of contacts

2/0+

830 V
40 A

Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm
<p>Han® Q, Axial screw terminal, silver plated contacts</p> <p>Range of delivery: with heat shrink tube contact resistance ≤1 mOhm</p> 	<p>2.5 – 6 4 – 10</p>	<p>09 12 002 2654 09 12 002 2652</p>	<p>09 12 002 2754 09 12 002 2752</p>	 <p>Stripping length 8-9 mm</p>
<p>Coding element, plastic</p> 		<p>09 12 000 9922</p>	<p>09 12 000 9922</p>	

Features

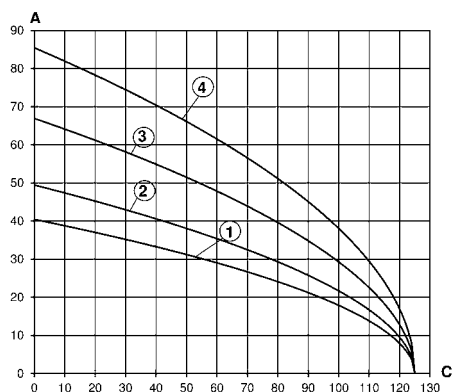
- High current rated compact designed connector
- 4 coding options
- Suitable for Han® C crimp contacts
- Finger safe male and female contacts
- Pre-mating PE crimp contact

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 2.5 mm²
- ② Wire cross section 4 mm²
- ③ Wire cross section 6 mm²
- ④ Wire cross section 10 mm²

Technical characteristics

Contacts	3/0
Electrical data acc. to IEC 61984	40 A 400 V 6 kV 3
Rated current	40 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

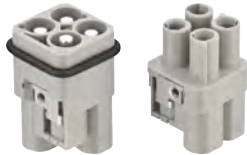
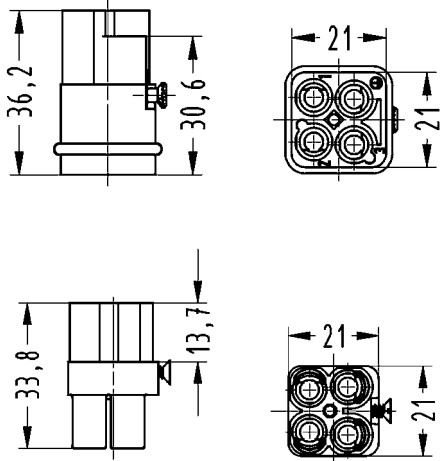


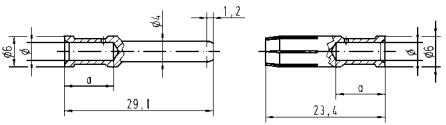
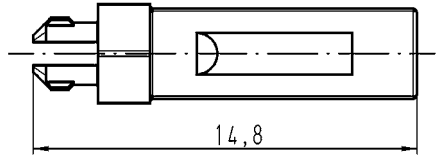
Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

3/0+

400 V
40 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																		
		male	female																			
Han® Q, Crimp terminal  Please order crimp contacts separately.		09 12 003 3051	09 12 003 3151																			
Han® C, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm  Coding element, plastic Range of delivery: 20 pieces per frame 	1.5 2.5 4 6 10	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108 09 32 000 6109	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208 09 32 000 6209	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm² AWG 16</td> <td>1.75</td> <td>9.5 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25</td> <td>9.5 mm</td> </tr> <tr> <td>4 mm² AWG 12</td> <td>2.85</td> <td>9.5 mm</td> </tr> <tr> <td>6 mm² AWG 10</td> <td>3.5</td> <td>9.5 mm</td> </tr> <tr> <td>10 mm² AWG 8</td> <td>4.3</td> <td>12 mm</td> </tr> </tbody> </table> 	Wire gauge	∅	Stripping length	1.5 mm ² AWG 16	1.75	9.5 mm	2.5 mm ² AWG 14	2.25	9.5 mm	4 mm ² AWG 12	2.85	9.5 mm	6 mm ² AWG 10	3.5	9.5 mm	10 mm ² AWG 8	4.3	12 mm
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4 mm ² AWG 12	2.85	9.5 mm																				
6 mm ² AWG 10	3.5	9.5 mm																				
10 mm ² AWG 8	4.3	12 mm																				
		09 12 000 9924	09 12 000 9924																			

Features

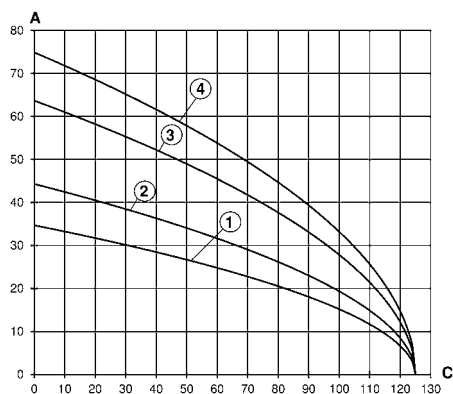
- High current rated compact designed connector
- 4 coding options
- Suitable for Han® C crimp contacts
- Finger safe male and female contacts

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 2.5 mm²
- ② Wire cross section 4 mm²
- ③ Wire cross section 6 mm²
- ④ Wire cross section 10 mm²

Technical characteristics

Contacts	4/0
Electrical data acc. to IEC 61984	40 A 830 V 8 kV 3
Rated current	40 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Attention! Only for thermoplastic hoods/housings!

Crimping tools see chapter 90


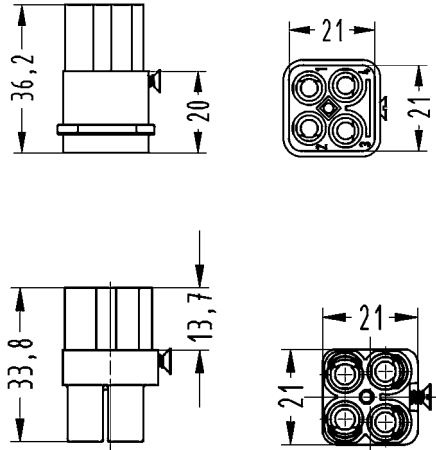


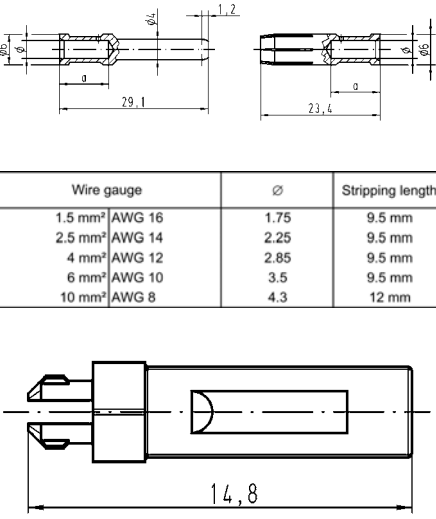
Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

4/0

830 V
40 A

Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm																		
<p>Han® Q, Crimp terminal</p>  <p>Please order crimp contacts separately.</p>		09 12 004 3051	09 12 004 3151																			
<p>Han® C, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm</p>  <p>Coding element, plastic</p> <p>Range of delivery: 20 pieces per frame</p> 	1.5 2.5 4 6 10	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108 09 32 000 6109	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208 09 32 000 6209	 <table border="1" data-bbox="1040 1317 1497 1451"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm² AWG 16</td> <td>1.75</td> <td>9.5 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25</td> <td>9.5 mm</td> </tr> <tr> <td>4 mm² AWG 12</td> <td>2.85</td> <td>9.5 mm</td> </tr> <tr> <td>6 mm² AWG 10</td> <td>3.5</td> <td>9.5 mm</td> </tr> <tr> <td>10 mm² AWG 8</td> <td>4.3</td> <td>12 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	1.5 mm ² AWG 16	1.75	9.5 mm	2.5 mm ² AWG 14	2.25	9.5 mm	4 mm ² AWG 12	2.85	9.5 mm	6 mm ² AWG 10	3.5	9.5 mm	10 mm ² AWG 8	4.3	12 mm
Wire gauge	∅	Stripping length																				
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2.5 mm ² AWG 14	2.25	9.5 mm																				
4 mm ² AWG 12	2.85	9.5 mm																				
6 mm ² AWG 10	3.5	9.5 mm																				
10 mm ² AWG 8	4.3	12 mm																				

Features

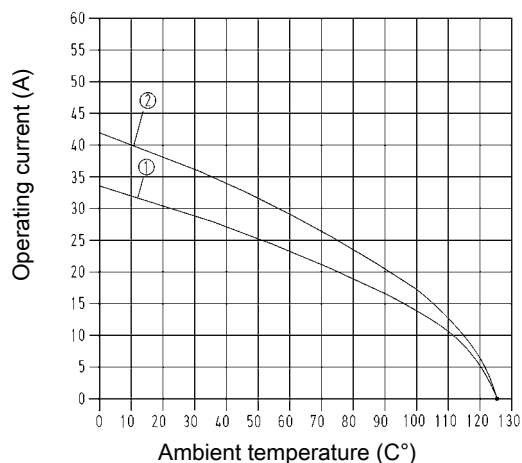
- Han® C power contacts
- Han D® signal contacts
- Finger safe male and female contacts
- Pre-mating PE crimp contact
- 3 coding options by using a coding pin instead of fixing screw
- Insert suitable for standard plastic hoods/housings and metal hoods/housings with additional PE contact of the size Han-Compact®
- Mating compatible to the axial screw version

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 2.5 mm²
 ② Wire cross section 4 mm²

Technical characteristics

Contacts	4/2
Electrical data acc. to IEC 61984	40 A 400/690 V 6 kV 3
Rated current	40 A
Rated voltage conductor - ground	400 V
Rated voltage conductor - conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Electrical data, signal	10 A 250 V 4 kV 3
Rated current	10 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Rated voltage acc. to UL	600 V
Rated voltage acc. to UL, signal	250 V
Rated voltage acc. to CSA	600 V
Rated voltage acc. to CSA, signal	250 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
 IEC 61984



Details

Crimping tools see chapter 90


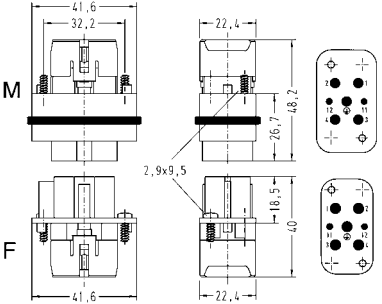

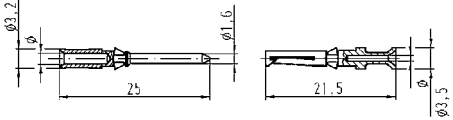

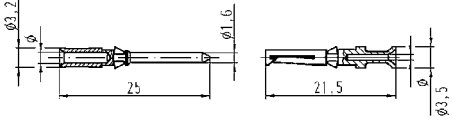

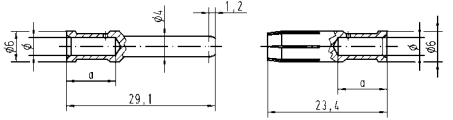
Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

4/2+

400/690 V / 250 V
40 A/10 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																					
		male	female																						
Han® Q, Crimp terminal  <p>Please order crimp contacts separately.</p>	1.5–6	09 12 006 3041	09 12 006 3141	 <p>Contact arrangement (view from termination side)</p>																					
Han D®, Crimp contact, gold plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126	09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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Han D®, Crimp contact, silver plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6104 09 15 000 6103 09 15 000 6105 09 15 000 6102 09 15 000 6101 09 15 000 6106	09 15 000 6204 09 15 000 6203 09 15 000 6205 09 15 000 6202 09 15 000 6201 09 15 000 6206	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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2.5 mm ² AWG 14	2.25 mm	6 mm																							
Han® C, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm 	1.5 2.5 4 6	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>1.5 mm² AWG 16</td> <td>1.75</td> <td>9.5 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25</td> <td>9.5 mm</td> </tr> <tr> <td>4 mm² AWG 12</td> <td>2.85</td> <td>9.5 mm</td> </tr> <tr> <td>6 mm² AWG 10</td> <td>3.5</td> <td>9.5 mm</td> </tr> <tr> <td>10 mm² AWG 8</td> <td>4.3</td> <td>12 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	1.5 mm ² AWG 16	1.75	9.5 mm	2.5 mm ² AWG 14	2.25	9.5 mm	4 mm ² AWG 12	2.85	9.5 mm	6 mm ² AWG 10	3.5	9.5 mm	10 mm ² AWG 8	4.3	12 mm			
Wire gauge	∅	Stripping length																							
1.5 mm ² AWG 16	1.75	9.5 mm																							
2.5 mm ² AWG 14	2.25	9.5 mm																							
4 mm ² AWG 12	2.85	9.5 mm																							
6 mm ² AWG 10	3.5	9.5 mm																							
10 mm ² AWG 8	4.3	12 mm																							

Han Q

Features

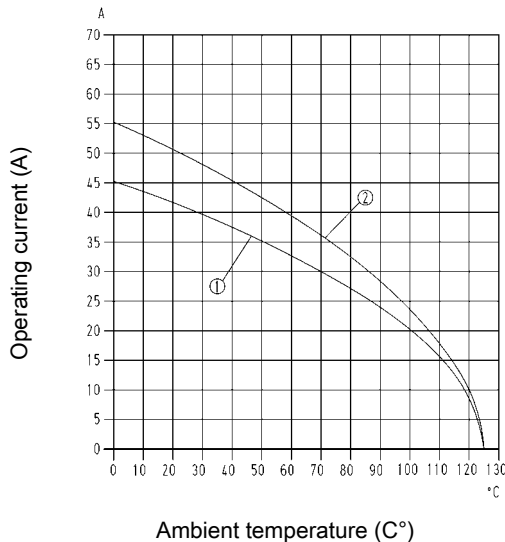
- Compact design saves space
- No special tools required
- Mating compatible to the crimp version
- Insert suitable for standard plastic hoods/housings and metal hoods/housings with additional PE contact of the size Han-Compact®
- With or without Han-Quick Lock® signal contacts

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 4 mm²
- ② Wire cross section 6 mm²

Technical characteristics

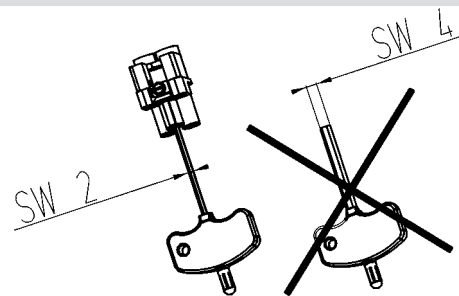
Contacts	4/2
Electrical data acc. to IEC 61984	40 A 400/690 V 6 kV 3
Rated current	40 A
Rated voltage conductor - ground	400 V
Rated voltage conductor - conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Electrical data, signal	10 A 250 V 4 kV 3
Rated current	10 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Tightening torque	1.8 Nm
Degree of protection acc. to IEC 60529	IP65
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details




For termination please use only hexagonal screw driver with wrench size SW 2.
If PE contact is not used: Please screw the PE contact maximal on both sides clockwise with a hexagonal screwdriver, wrench size SW 2.





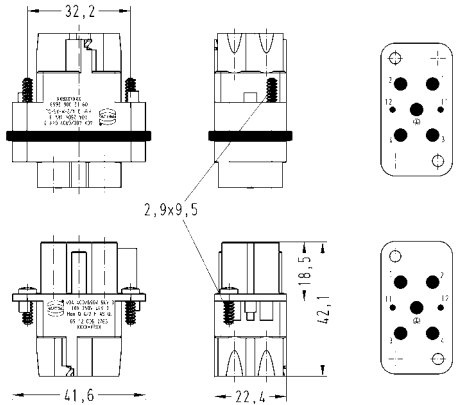
Number of contacts

4/2+



400/690 V / 250 V
40 A/10 A



Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm
<p> Han-Quick Lock® Han® Q, Axial screw terminal, silver plated contacts, contact resistance ≤0.3 mOhm contact resistance, signal <3 mOhm</p>  <p>with Han-Quick Lock® signal contacts</p>	<p>2.5–6 4–10</p>	<p>09 12 006 2662 09 12 006 2663</p>	<p>09 12 006 2762 09 12 006 2763</p>	 <p>Stripping length Power contacts 8 mm Stripping length Signal contacts 10 mm</p>
<p>Han® Q, Axial screw terminal, silver plated contacts, contact resistance ≤0.3 mOhm without signal contacts</p>	<p>2.5–6 4–10</p>	<p>09 12 006 2665 09 12 006 2666</p>	<p>09 12 006 2765 09 12 006 2766</p>	

Features

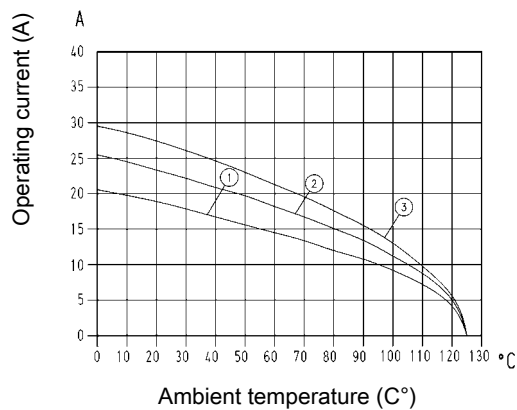
- Innovative Han-Quick Lock® termination technology with reduced wiring times
- No special tools required
- Mating compatible to the crimp version
- Vibration and shock resistant

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 1 mm²
- ② Wire cross section 1.5 mm²
- ③ Wire cross section 2.5 mm²

Technical characteristics

Contacts	5/0
Electrical data acc. to IEC 61984	blue slide 16 A 230/400 V 4 kV 3 black slide 16 A 230/400 V 4 kV 3
Rated current	16 A
Rated voltage conductor - ground	230 V
Rated voltage conductor - conductor	400 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Number of contacts

5/0+

230/400 V
16 A

Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	
<p> Han-Quick Lock® Han® Q, Han-Quick Lock® termination, blue slide, silver plated contacts, contact resistance ≤1 mOhm</p>	0.5 – 2.5	09 12 005 2633	09 12 005 2733	<p>M</p> <p>F</p>
<p> Han-Quick Lock® Han® Q, Han-Quick Lock® termination, black slide, silver plated contacts, contact resistance ≤1 mOhm</p>	0.25 – 1.5	09 12 005 2634	09 12 005 2734	

Features

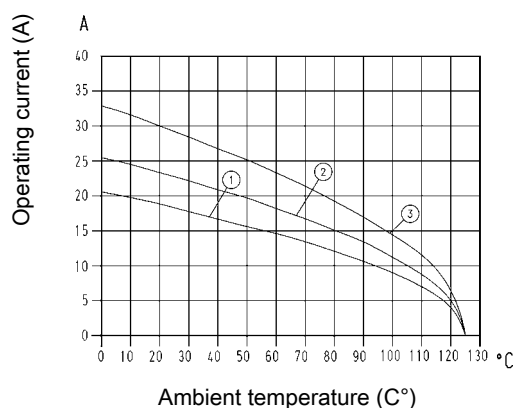
- Compact design saves space
- Suitable for Han E® crimp contacts
- Leading protective ground contact with screw terminal

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 1 mm²
- ② Wire cross section 1.5 mm²
- ③ Wire cross section 2.5 mm²

Technical characteristics

Contacts	5/0
Electrical data acc. to IEC 61984	16 A 230/400 V 4 kV 3
Rated current	16 A
Rated voltage conductor - ground	230 V
Rated voltage conductor - conductor	400 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Coding pin

Use of the coding pin prevents incorrect mating to other connectors of the same type. The male pin should be omitted from the opposing cavity in the male insert.

Number of contacts

5/0+

230/400 V
16 A




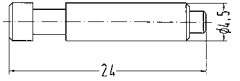
Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm
		male	female	
Han® Q, Crimp terminal <p>Please order crimp contacts separately.</p>		09 12 005 3001	09 12 005 3101	<p>Contact arrangement (view from termination side)</p>
Han E®, Crimp contact, gold plated contacts, contact resistance ≤1 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 33 000 6117 09 33 000 6122 09 33 000 6115 09 33 000 6118 09 33 000 6116 09 33 000 6123	09 33 000 6217 09 33 000 6222 09 33 000 6215 09 33 000 6218 09 33 000 6216 09 33 000 6223	
Han E®, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 33 000 6127 09 33 000 6121 09 33 000 6114 09 33 000 6105 09 33 000 6104 09 33 000 6102	09 33 000 6227 09 33 000 6220 09 33 000 6214 09 33 000 6205 09 33 000 6204 09 33 000 6202	
Han E®, Relay contact, silver plated contacts, contact resistance ≤1 mOhm 	0.75–1 1.5 2.5	09 33 000 6109 09 33 000 6110 09 33 000 6111		<p>Stripping length 7.5 mm</p>
Han E®, F.O. contact <p>for 1 mm plastic fibre</p>		20 10 001 3311	20 10 001 3321	<p>Crimp zone</p>

Han Q

Identification	Wire gauge	Stripping length
no groove	0.14-0.37 mm ² AWG 26-22	7.5 mm
no groove	0.5 mm ² AWG 20	7.5 mm
1 groove*	0.75 mm ² AWG 18	7.5 mm
1 groove	1 mm ² AWG 18	7.5 mm
2 grooves	1.5 mm ² AWG 16	7.5 mm
3 grooves	2.5 mm ² AWG 14	7.5 mm
wide groove	3 mm ² AWG 12	7.5 mm
no groove	4 mm ² AWG 12	7.5 mm

* on the back crimp collar



Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm
		male	female	
Han E® Han® EE, Han® EEE, Coding pin, plastic  for crimp inserts only			09 33 000 9954	

Han Q

Features

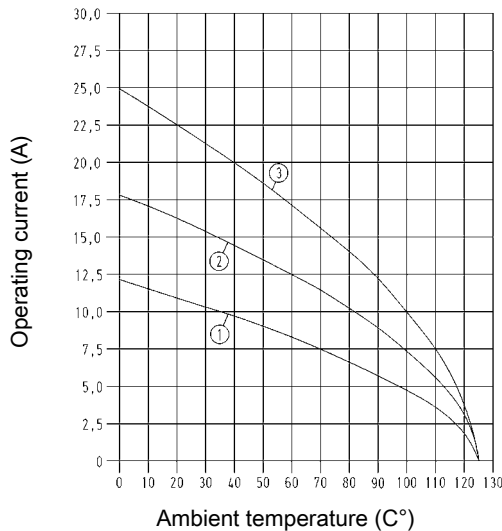
- Compact design saves space
- Suitable for Han D® crimp contacts
- Leading protective ground contact with screw terminal
- 6 coding options

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 0.75 mm²
- ② Wire cross section 1.5 mm²
- ③ Wire cross section 2.5 mm²

Technical characteristics

Contacts	7/0
Electrical data acc. to IEC 61984	10 A 400 V 6 kV 3
Rated current	10 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique


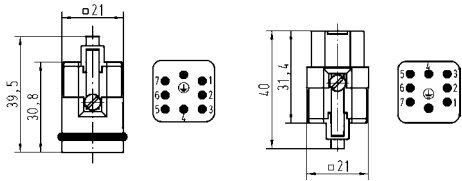

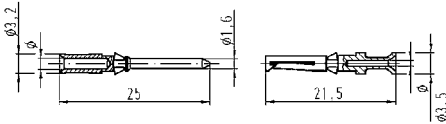

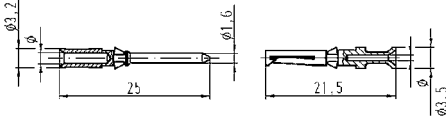

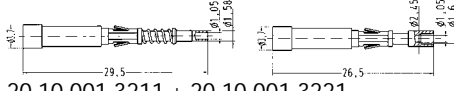

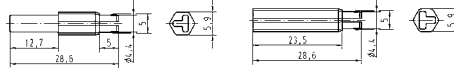
The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Number of contacts

7/0+

400 V
10 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																					
		male	female																						
Han® Q, Crimp terminal  Please order crimp contacts separately.		09 12 007 3001	09 12 007 3101	 Contact arrangement (view from termination side)																					
Han D®, Crimp contact, gold plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126	09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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Han D®, Crimp contact, silver plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6104 09 15 000 6103 09 15 000 6105 09 15 000 6102 09 15 000 6101 09 15 000 6106	09 15 000 6204 09 15 000 6203 09 15 000 6205 09 15 000 6202 09 15 000 6201 09 15 000 6206	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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2.5 mm ² AWG 14	2.25 mm	6 mm																							
F.O. contact for 1 mm plastic fibre 		20 10 001 3211	20 10 001 3221	 20 10 001 3211 + 20 10 001 3221																					
Coding element, plastic 		09 12 000 9901	09 12 000 9902																						

Han Q

Features

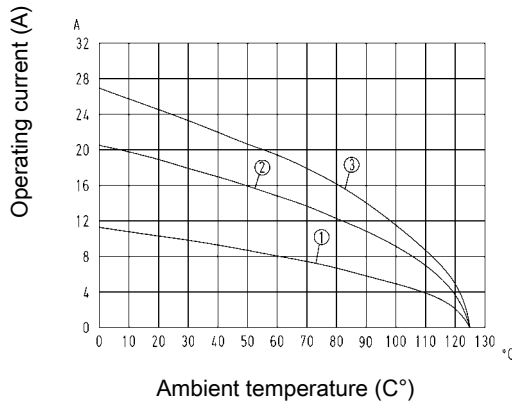
- Innovative Han-Quick Lock® termination technology with reduced wiring times
- No special tools required
- Mating compatible to the crimp version
- Insert suitable for standard plastic hoods/housings and metal hoods/housings with additional PE contact of the size Han-Compact®
- Pre-mating PE crimp contact

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 0.5 mm²
- ② Wire cross section 1.5 mm²
- ③ Wire cross section 2.5 mm²

Technical characteristics

Contacts	8/0
Electrical data acc. to IEC 61984	blue slide 16 A 500 V 6 kV 3 black slide 16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals


IEC 60664-1
IEC 61984





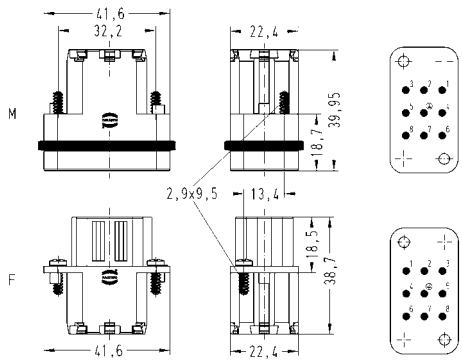



Number of contacts

8/0+



500 V
16 A

Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm
<p> Han-Quick Lock® Han® Q, Han-Quick Lock®, blue slide, silver plated contacts, contact resistance ≤3 mOhm</p> 	0.5 – 2.5	09 12 008 2633	09 12 008 2733	
<p> Han-Quick Lock® Han® Q, Han-Quick Lock®, black slide, silver plated contacts, contact resistance ≤3 mOhm</p>	0.25 – 1.5	09 12 008 2634	09 12 008 2734	

Han Q

Features

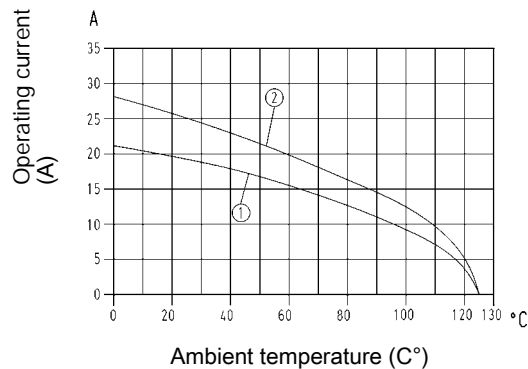
- Compact design saves space
- Suitable for Han E® crimp contacts
- Pre-mating PE crimp contact
- ISO 23570 / DESINA conform product

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 1.5 mm²
- ② Wire cross section 2.5 mm²

Technical characteristics

Contacts	8/0
Electrical data acc. to IEC 61984	16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Coding pin

Use of the coding pin prevents incorrect mating to other connectors of the same type. The male pin should be omitted from the opposing cavity in the male insert.

Number of contacts

8/0+

500 V
16 A



Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	

Han® Q,
Crimp terminal

Please order crimp contacts separately.

		09 12 008 3001	09 12 008 3101
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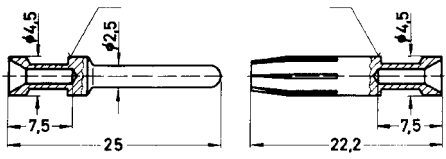

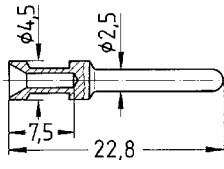

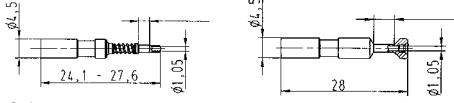

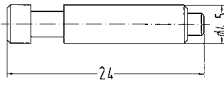
Contact arrangement (view from termination side)

Han E®,
Crimp contact,
gold plated contacts,
contact resistance ≤1 mOhm

0.14-0.37	09 33 000 6117	09 33 000 6217
0.5	09 33 000 6122	09 33 000 6222
0.75	09 33 000 6115	09 33 000 6215
1	09 33 000 6118	09 33 000 6218
1.5	09 33 000 6116	09 33 000 6216
2.5	09 33 000 6123	09 33 000 6223
4	09 33 000 6119	09 33 000 6221

Identification	Wire gauge	Stripping length
no groove	0.14-0.37 mm² AWG 26-22	7.5 mm
no groove	0.5 mm² AWG 20	7.5 mm
1 groove*	0.75 mm² AWG 18	7.5 mm
1 groove	1 mm² AWG 18	7.5 mm
2 grooves	1.5 mm² AWG 16	7.5 mm
3 grooves	2.5 mm² AWG 14	7.5 mm
wide groove	3 mm² AWG 12	7.5 mm
no groove	4 mm² AWG 12	7.5 mm

* on the back crimp collar

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																											
		male	female																												
Han E®, Crimp contact, silver plated contacts, contact resistance ≤1 mOhm 	0.14–0.37	09 33 000 6127	09 33 000 6227	 <table border="1" data-bbox="1037 526 1492 750"> <thead> <tr> <th>Identification</th> <th>Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>no groove</td> <td>0.14-0.37 mm² AWG 26-22</td> <td>7.5 mm</td> </tr> <tr> <td>no groove</td> <td>0.5 mm² AWG 20</td> <td>7.5 mm</td> </tr> <tr> <td>1 groove*</td> <td>0.75 mm² AWG 18</td> <td>7.5 mm</td> </tr> <tr> <td>1 groove</td> <td>1 mm² AWG 18</td> <td>7.5 mm</td> </tr> <tr> <td>2 grooves</td> <td>1.5 mm² AWG 16</td> <td>7.5 mm</td> </tr> <tr> <td>3 grooves</td> <td>2.5 mm² AWG 14</td> <td>7.5 mm</td> </tr> <tr> <td>wide groove</td> <td>3 mm² AWG 12</td> <td>7.5 mm</td> </tr> <tr> <td>no groove</td> <td>4 mm² AWG 12</td> <td>7.5 mm</td> </tr> </tbody> </table> <p>* on the back crimp collar</p>	Identification	Wire gauge	Stripping length	no groove	0.14-0.37 mm ² AWG 26-22	7.5 mm	no groove	0.5 mm ² AWG 20	7.5 mm	1 groove*	0.75 mm ² AWG 18	7.5 mm	1 groove	1 mm ² AWG 18	7.5 mm	2 grooves	1.5 mm ² AWG 16	7.5 mm	3 grooves	2.5 mm ² AWG 14	7.5 mm	wide groove	3 mm ² AWG 12	7.5 mm	no groove	4 mm ² AWG 12	7.5 mm
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wide groove	3 mm ² AWG 12	7.5 mm																													
no groove	4 mm ² AWG 12	7.5 mm																													
0.5	09 33 000 6121	09 33 000 6220																													
0.75	09 33 000 6114	09 33 000 6214																													
1	09 33 000 6105	09 33 000 6205																													
1.5	09 33 000 6104	09 33 000 6204																													
2.5	09 33 000 6102	09 33 000 6202																													
4	09 33 000 6107	09 33 000 6207																													
Han E®, Relay contact, silver plated contacts, contact resistance ≤1 mOhm 	0.75–1	09 33 000 6109		 <p>Stripping length 7.5 mm</p>																											
	1.5	09 33 000 6110																													
	2.5	09 33 000 6111																													
Han E®, F.O. contact  for 1 mm plastic fibre		20 10 001 3311	20 10 001 3321	 <p>Crimp zone</p>																											
Han E®, Han® EE, Han® EEE, Coding pin, plastic  for crimp inserts only			09 33 000 9954																												

Features

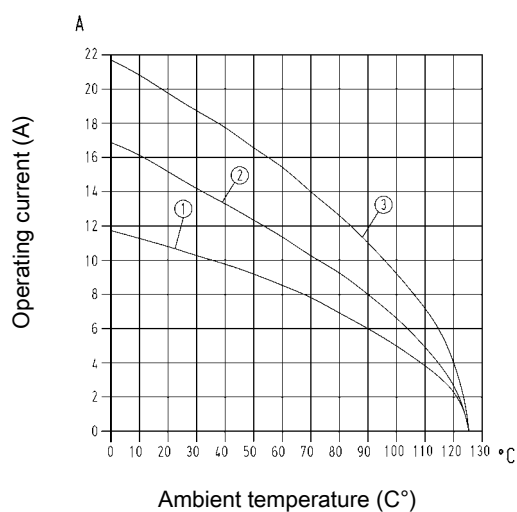
- Suitable for Han D® crimp contacts
- PE contact with Han-Quick Lock® termination technology
- 16 coding options without loss of contacts

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 0.75 mm²
- ② Wire cross section 1.5 mm²
- ③ Wire cross section 2.5 mm²

Technical characteristics

Contacts	12/0
Electrical data acc. to IEC 61984	blue slide 10 A 400 V 6 kV 3 black slide 10 A 400 V 6 kV 3
Rated current	10 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.


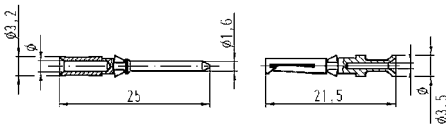

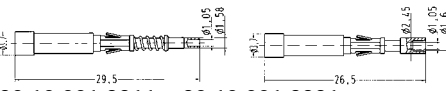

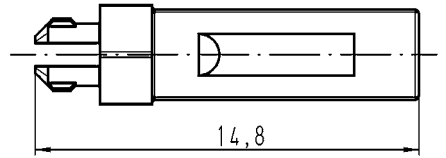
By using in Han® 3 A HPR hoods/housings the sealing on the insert has to be removed.

Number of contacts

12/0+

400 V
10 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																					
		male	female																						
<p> Han-Quick Lock® Han® Q, Crimp termination/Han-Quick Lock®, blue slide</p> <p>Please order crimp contacts separately.</p>		09 12 012 3001	09 12 012 3101	<p>M</p> <p>F</p> <p>PE contact : Wire cross section blue slide 0.5 ... 2.5 PE contact : Wire cross section black slide 0.25 ... 1.5</p>																					
<p> Han-Quick Lock® Han® Q, Crimp termination/Han-Quick Lock®, black slide</p> <p>Please order crimp contacts separately.</p>		09 12 012 3004	09 12 012 3104																						
<p>Han D®, Crimp contact, gold plated contacts, contact resistance ≤3 mOhm</p>	<p>0.14–0.37 0.5 0.75 1 1.5 2.5</p>	<p>09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126</p>	<p>09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226</p>	<table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																					
		male	female																						
Han D®, Crimp contact, silver plated contacts, contact resistance ≤3 mOhm 	0.14–0.37	09 15 000 6104	09 15 000 6204	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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0.75	09 15 000 6105	09 15 000 6205																							
1	09 15 000 6102	09 15 000 6202																							
1.5	09 15 000 6101	09 15 000 6201																							
2.5	09 15 000 6106	09 15 000 6206																							
F.O. contact for 1 mm plastic fibre 		20 10 001 3211	20 10 001 3221	 20 10 001 3211 + 20 10 001 3221																					
Coding element, plastic Range of delivery: 20 pieces per frame 		09 12 000 9924	09 12 000 9924	 14,8																					

Han Q

Features

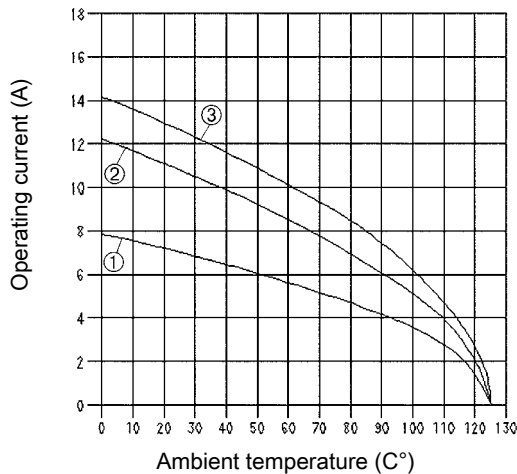
- Compact design saves space
- Suitable for Han D® crimp contacts
- Pre-mating PE crimp contact
- 3 coding options by using a coding pin instead of fixing screw

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Wire cross section 0.5 mm²
- ② Wire cross section 1 mm²
- ③ Wire cross section 1.5 mm²

Technical characteristics

Contacts	17/0
Electrical data acc. to IEC 61984	10 A 160 V 2.5 kV 3
Rated current	10 A
Rated voltage	160 V
Rated impulse voltage	2.5 kV
Pollution degree	3
Rated voltage acc. to UL	250 V
Rated voltage acc. to CSA	250 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90


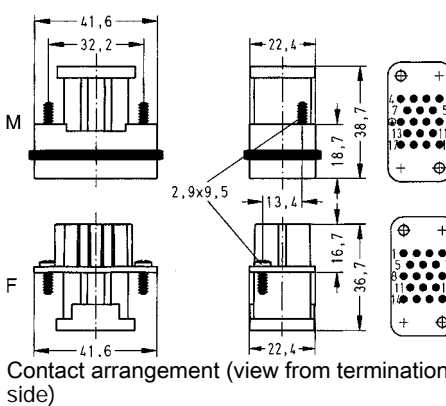

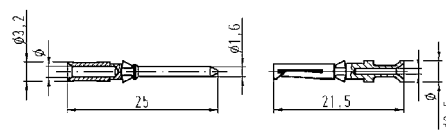

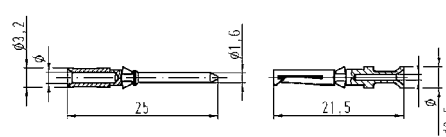

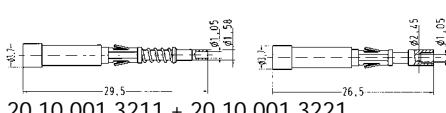
Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

17/0+

160 V
10 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																					
		male	female																						
Han® Q, Crimp terminal  Please order crimp contacts separately.		09 12 017 3001	09 12 017 3101	 <p>41,6 32,2 22,4 18,7 38,7 2,9x9,5 13,4 16,7 36,7 41,6 22,4</p> <p>Contact arrangement (view from termination side)</p>																					
Han D®, Crimp contact, gold plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126	09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
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0.75 mm ² AWG 18	1.3 mm	8 mm																							
1 mm ² AWG 18	1.45 mm	8 mm																							
1.5 mm ² AWG 16	1.75 mm	8 mm																							
2.5 mm ² AWG 14	2.25 mm	6 mm																							
Han D®, Crimp contact, silver plated contacts, contact resistance ≤3 mOhm 	0.14–0.37 0.5 0.75 1 1.5 2.5	09 15 000 6104 09 15 000 6103 09 15 000 6105 09 15 000 6102 09 15 000 6101 09 15 000 6106	09 15 000 6204 09 15 000 6203 09 15 000 6205 09 15 000 6202 09 15 000 6201 09 15 000 6206	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm² AWG 26-22</td> <td>0.9 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm² AWG 20</td> <td>1.1 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm² AWG 18</td> <td>1.3 mm</td> <td>8 mm</td> </tr> <tr> <td>1 mm² AWG 18</td> <td>1.45 mm</td> <td>8 mm</td> </tr> <tr> <td>1.5 mm² AWG 16</td> <td>1.75 mm</td> <td>8 mm</td> </tr> <tr> <td>2.5 mm² AWG 14</td> <td>2.25 mm</td> <td>6 mm</td> </tr> </tbody> </table>	Wire gauge	∅	Stripping length	0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm	0.5 mm ² AWG 20	1.1 mm	8 mm	0.75 mm ² AWG 18	1.3 mm	8 mm	1 mm ² AWG 18	1.45 mm	8 mm	1.5 mm ² AWG 16	1.75 mm	8 mm	2.5 mm ² AWG 14	2.25 mm	6 mm
Wire gauge	∅	Stripping length																							
0.14-0.37 mm ² AWG 26-22	0.9 mm	8 mm																							
0.5 mm ² AWG 20	1.1 mm	8 mm																							
0.75 mm ² AWG 18	1.3 mm	8 mm																							
1 mm ² AWG 18	1.45 mm	8 mm																							
1.5 mm ² AWG 16	1.75 mm	8 mm																							
2.5 mm ² AWG 14	2.25 mm	6 mm																							
F.O. contact  for 1 mm plastic fibre		20 10 001 3211	20 10 001 3221	 <p>20 10 001 3211 + 20 10 001 3221</p>																					

Features

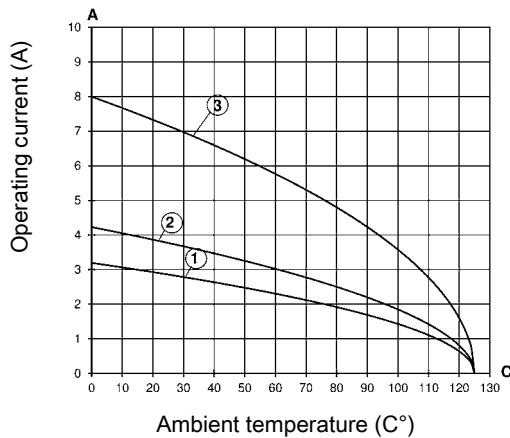
- Easy handling of signal connectors in industrial environment
- High density of contacts
- Suitable for D-Sub crimp contacts
- One preleading contact

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Stamped contacts: Wire cross section 0.14 mm²
- ② Stamped contacts: Wire cross section 0.25 mm²
- ③ Turned contacts: Wire cross section 0.5 mm²

Technical characteristics

Contacts	21
Electrical data acc. to IEC 61984	6.5 A 50 V 0.8 kV 3
Rated current	6.5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Rated voltage AC	50 V
Rated voltage DC	120 V
Insulation resistance	≥10 ¹⁰ Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90


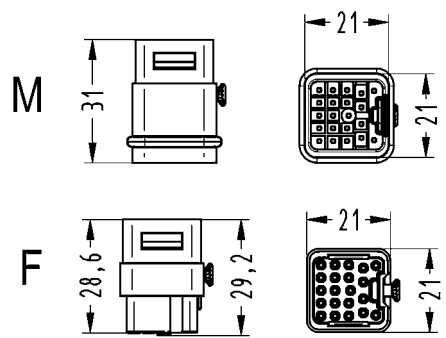


Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

21

~ 50 V
 - 120 V
 50 V
 6.5 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm												
		male	female													
Han® Q, Crimp terminal  <p>Please order crimp contacts separately.</p>		09 12 021 3001	09 12 021 3101													
Han® D-Sub crimp contact, turned contacts 	0.09–0.25 0.13–0.33 0.25–0.52	09 67 000 7576 09 67 000 5576 09 67 000 8576	09 67 000 7476 09 67 000 5476 09 67 000 8476	<table border="1"> <thead> <tr> <th>Wire gauge</th> <th>max. insulation diameter</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.09-0.25 mm²</td> <td>1.7</td> <td>4 mm</td> </tr> <tr> <td>0.13-0.33 mm²</td> <td>1.7</td> <td>4 mm</td> </tr> <tr> <td>0.25-0.52 mm²</td> <td>1.7</td> <td>4 mm</td> </tr> </tbody> </table>	Wire gauge	max. insulation diameter	Stripping length	0.09-0.25 mm ²	1.7	4 mm	0.13-0.33 mm ²	1.7	4 mm	0.25-0.52 mm ²	1.7	4 mm
Wire gauge	max. insulation diameter	Stripping length														
0.09-0.25 mm ²	1.7	4 mm														
0.13-0.33 mm ²	1.7	4 mm														
0.25-0.52 mm ²	1.7	4 mm														
Han® D-Sub crimp contact, stamped contacts 	0.09–0.25 0.25–0.56	09 67 000 7176 09 67 000 8176	09 67 000 7276 09 67 000 8276	<table border="1"> <thead> <tr> <th>Wire gauge</th> <th>max. insulation diameter</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.09-0.25 mm²</td> <td>1.02</td> <td>2.5 mm + 0.5</td> </tr> <tr> <td>0.25-0.52 mm²</td> <td>1.52</td> <td>2.5 mm + 0.5</td> </tr> </tbody> </table>	Wire gauge	max. insulation diameter	Stripping length	0.09-0.25 mm ²	1.02	2.5 mm + 0.5	0.25-0.52 mm ²	1.52	2.5 mm + 0.5			
Wire gauge	max. insulation diameter	Stripping length														
0.09-0.25 mm ²	1.02	2.5 mm + 0.5														
0.25-0.52 mm ²	1.52	2.5 mm + 0.5														

Features

- Combination connector: Ethernet connector based on RJ45 with up to 10 signal D-Sub contacts, crimp termination
- Turned D-Sub contacts of performance level 1
- Compact design saves space
- High density of contacts

Technical characteristics

Contacts	8
Electrical data, signal	5 A 50 V 0.8 kV 3
Rated current	5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Insulation resistance	$\geq 10^{10}$ Ohm
Limiting temperatures	-40 °C ... 85 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥ 500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)

Specifications and approvals

IEC 60664-1
IEC 61984



Number of contacts

8

50 V
5 A

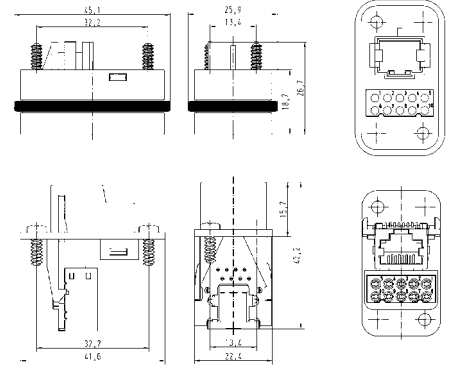
Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	

Han® Q,
RJ45 acc. to IEC 60603-7,
Han® Q Data RJ45,
Cat. 5e



Please order crimp contacts separately.

09 12 011 3001 09 12 011 3111



Han Q

Han® D-Sub crimp contact,
turned contacts



0.13 – 0.33 09 67 000 5576 09 67 000 5476
0.25 – 0.52 09 67 000 8576 09 67 000 8476

Wire gauge	max. insulation diameter	Stripping length
0.09-0.25 mm²	1.7	4 mm
0.13-0.33 mm²	1.7	4 mm
0.25-0.52 mm²	1.7	4 mm

Features

- Plastic hoods/housings for industrial applications
- Compact design saves space

Technical characteristics


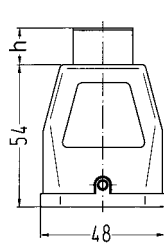
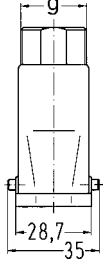
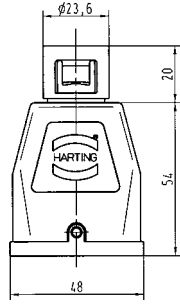
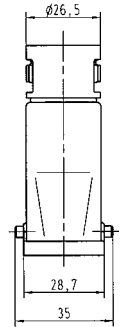
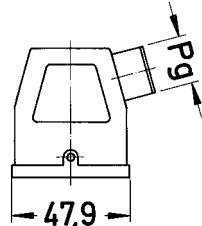
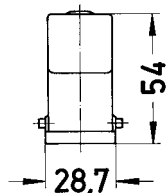
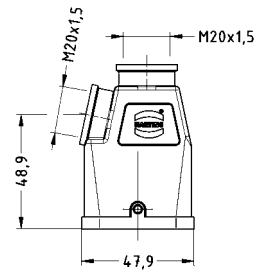
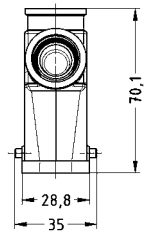
Limiting temperatures	-40 °C ... 125 °C
Flammability (hoods/housings) acc. to UL 94	V 0
Flammability (locking lever) acc. to UL 94	V 0
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65 / IP67, IP65, IP67
Material (hoods/housings)	polycarbonate, thermoplastic
Colour (hoods/housings)	RAL 9005 (black)
Material (locking lever)	polyamide
Colour (locking lever)	RAL 9005 (black)
Material (seal)	NBR


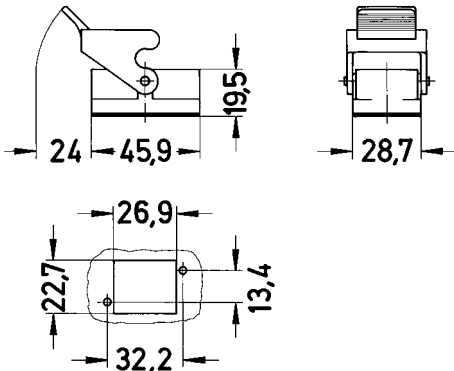

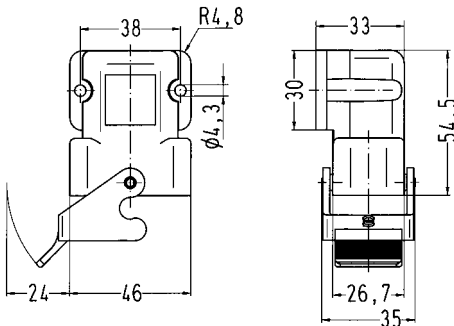

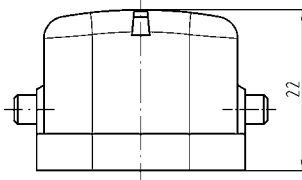

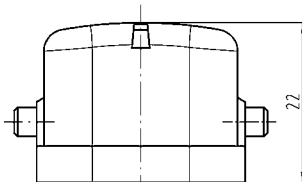
Specifications and approvals






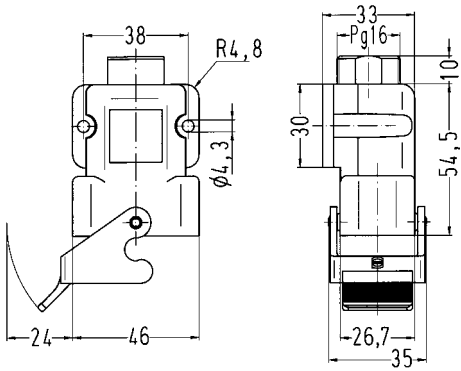

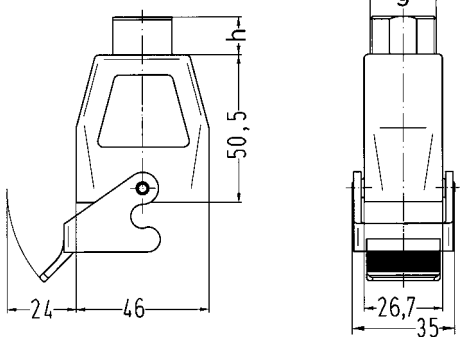

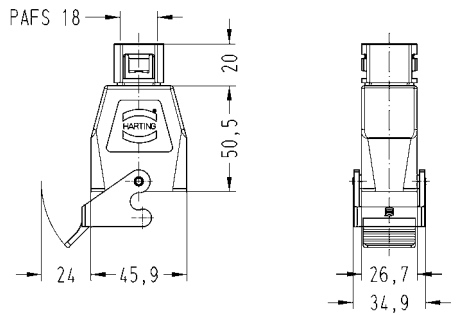
Plastic hoods/housings for industrial applications
double locking lever

Identification	Cable entry	Part number		Drawing Dimensions in mm	
		Low construction	High construction		
Han-Compact®, Hoods, top entry, for Han-Compact® half cable gland 	1xM25 1xPg 16 1xPg 21		19 12 008 0429 09 12 008 0427 09 12 008 0429		
Han-Compact®, Hoods, top entry, for flexible conduits Adaptaflex PAFS18 Han Q	1xPAFS 18		09 12 008 0428		
Han-Compact®, Hoods, side entry, for Han-Compact® half cable gland	1xPg 16		09 12 008 0527		
Han-Compact®, Hoods, top/side entry, for Han-Compact® half cable gland	2xM20		19 12 008 0425		

Identification	Cable entry	Part number		Drawing Dimensions in mm
		Low construction	High construction	
Han-Compact®, Bulkhead mounted housings, straight version 		09 12 008 0327		
Han-Compact®, Bulkhead mounted housings, side entry 		09 12 008 0902		
Han-Compact®, Protection cover for bulkhead mounted housings, plastic for mounted male insert 		09 12 008 5407		
Han-Compact®, Protection cover for bulkhead mounted housings, plastic for mounted female insert 		09 12 008 5408		

Han Q



Identification	Cable entry	Part number		Drawing Dimensions in mm
		Low construction	High construction	
Han-Compact®, Surface mounted housings, for Han-Compact® half cable gland 	1xPg 16	09 12 008 0901		
Han-Compact®, Cable to cable housings, top entry, for Han-Compact® half cable gland 	1xM25 1xPg 16		19 12 008 0729 09 12 008 0727	
Han-Compact®, Cable to cable housings, top entry, for flexible conduits Adaptaflex PAFS18 	1xPAFS 18		09 12 008 0728	

Han Q

Features

- Metal hoods/housings for industrial applications
- Large space for cables
- Visible cabling
- Separate PE termination possible

Technical characteristics


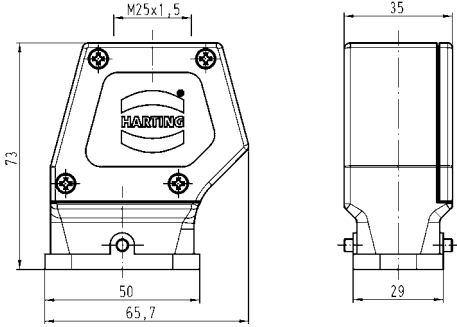

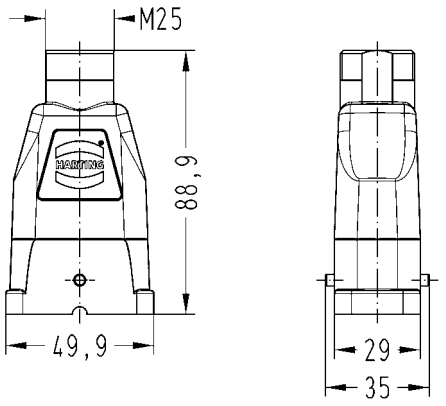

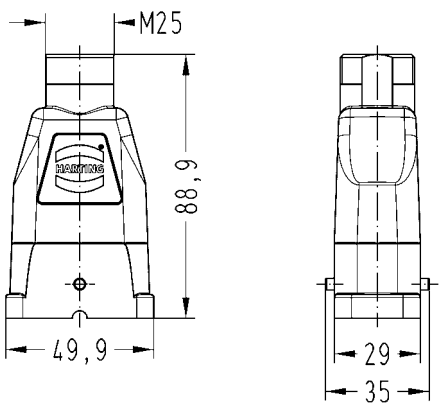
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	chromated, powder-coated
Colour (hoods/housings)	RAL 9005 (black)
Material (locking lever)	stainless steel
Material (seal)	NBR

Specifications and approvals




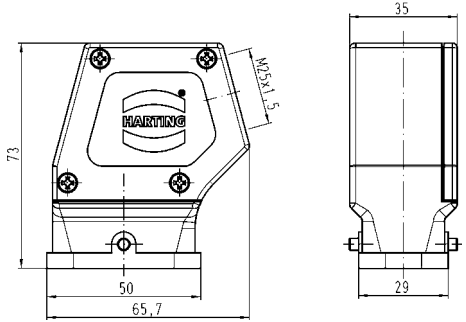

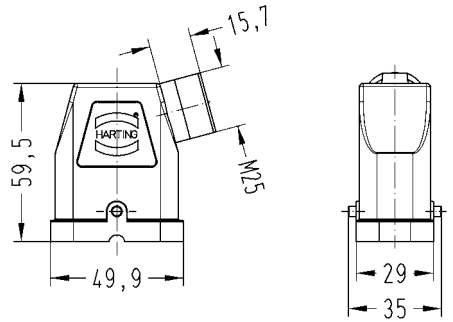

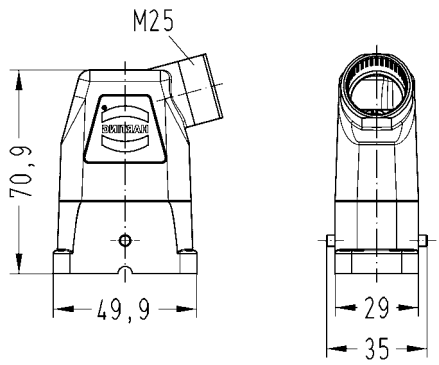

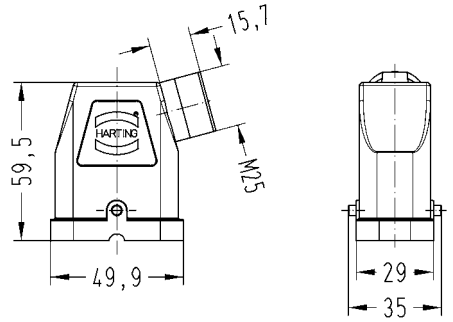


Metal hoods/housings for industrial applications
double locking lever

Identification	Cable entry	Part number		Drawing Dimensions in mm	
		Low construction	High construction		
Han-Compact®, Hoods, powder-coated, top entry, for standard cable gland, including separate PE contact  for all inserts of size Han-Compact®	1xM25		19 12 008 0426		
Han-Compact®, Hoods, chromated, top entry, for Han-Compact® half cable gland, including separate PE contact  for all inserts of size Han-Compact®	1xM25		19 12 008 0411		
Han-Compact®, Hoods, powder-coated, top entry, for Han-Compact® half cable gland, including separate PE contact  for all inserts of size Han-Compact®	1xM25		19 12 708 0411		


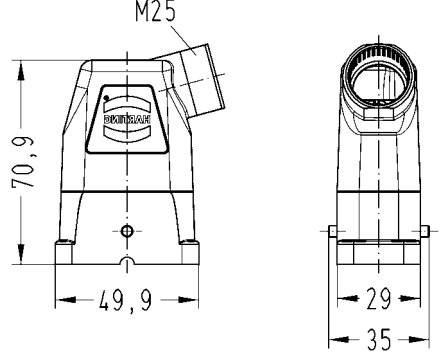

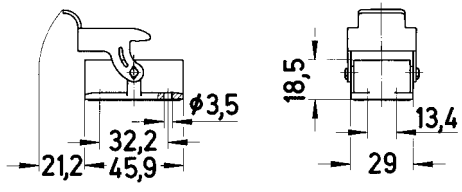

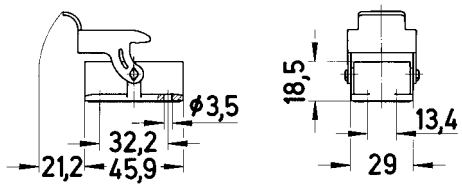
Han Q



Identification	Cable entry	Part number		Drawing Dimensions in mm	
		Low construction	High construction		
<p>Han-Compact®, Hoods, powder-coated, side entry, for standard cable gland, including separate PE contact</p>  <p>for all inserts of size Han-Compact®</p>	1xM25		19 12 008 0526		
<p>Han-Compact®, Hoods, chromated, side entry, for Han-Compact® half cable gland</p>  <p>for Han® Q 8/0 Crimp, Han® Q 17/0 and Han® Q Data RJ45</p>	1xM25		19 12 008 0501		
<p>Han-Compact®, Hoods, chromated, side entry, for Han-Compact® half cable gland, including separate PE contact</p>  <p>for all inserts of size Han-Compact®</p>	1xM25		19 12 008 0511		
<p>Han-Compact®, Hoods, powder-coated, side entry, for Han-Compact® half cable gland</p>  <p>for Han® Q 8/0 Crimp, Han® Q 17/0 and Han® Q Data RJ45</p>	1xM25		19 12 708 0501		

Han Q



Identification	Cable entry	Part number		Drawing Dimensions in mm
		Low construction	High construction	
Han-Compact®, Hoods, powder-coated, side entry, for Han-Compact® half cable gland, including separate PE contact 	1xM25		19 12 708 0511	
for all inserts of size Han-Com- pact®				
Han-Compact®, Bulkhead mounted housings, chromated 		09 12 008 0301		
Han-Compact®, Bulkhead mounted housings, powder-coated 		09 12 708 0301		

Han Q

Features

- Hoods/Housings for higher EMC requirements
- Separate PE termination possible
- High degree of flexibility due to two-part assembly

Technical characteristics


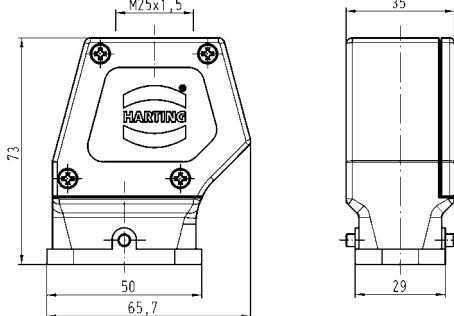

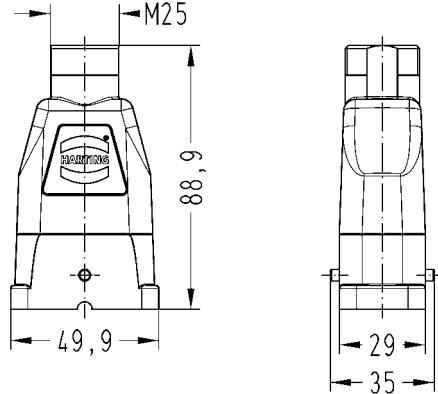

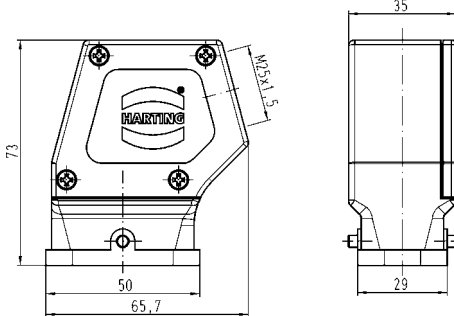
Limiting temperatures	-40 °C ... 125 °C
Protection class acc. to UL 50	NEMA type 4/4X/12
Degree of protection acc. to IEC 60529	IP65
Material (hoods/housings)	zinc die-cast
Surface (hoods/housings)	nickel plated
Material (locking lever)	stainless steel
Material (seal)	NBR

Specifications and approvals




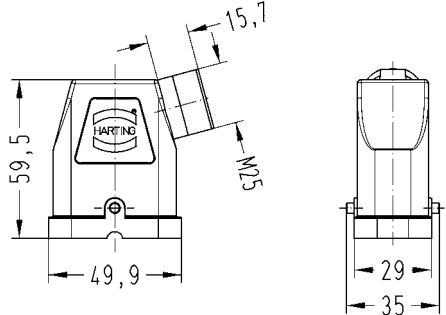

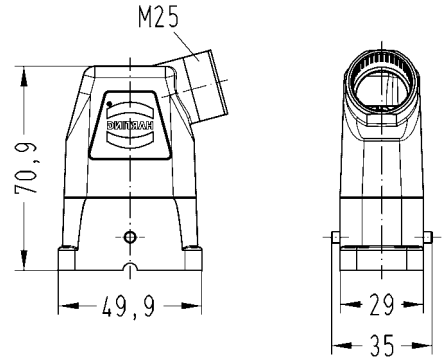

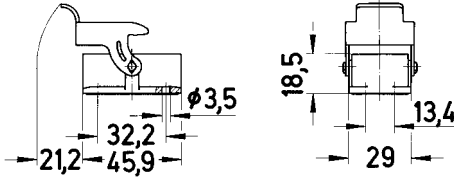


Hoods/Housings for higher EMC requirements
double locking lever

Identification	Cable entry	Part number		Drawing Dimensions in mm	
		Low construction	High construction		
Han-Compact®, Hoods, top entry, for standard cable gland, including separate PE contact  for all inserts of size Han-Com- pact®	1xM25		19 12 008 0428		
Han-Compact®, Hoods, top entry, for Han-Compact® half cable gland, including separate PE contact  for all inserts of size Han-Com- pact®	1xM25		19 12 008 0412		
Han-Compact®, Hoods, side entry, for standard cable gland, including separate PE contact  for all inserts of size Han-Com- pact®	1xM25		19 12 008 0528		

Han Q



Identification	Cable entry	Part number		Drawing Dimensions in mm
		Low construction	High construction	
Han-Compact®, Hoods, side entry, for Han-Compact® half cable gland  for Han® Q 8/0 Crimp, Han® Q 17/0 and Han® Q Data RJ45	1xM25		19 12 008 0502	
Han-Compact®, Hoods, side entry, for Han-Compact® half cable gland, including separate PE contact  for all inserts of size Han-Com- pact®	1xM25		19 12 008 0512	
Han-Compact®, Bulkhead mounted housings 		09 12 008 0303		


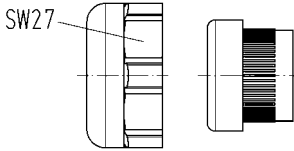

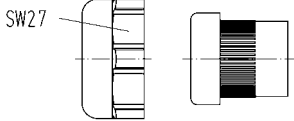

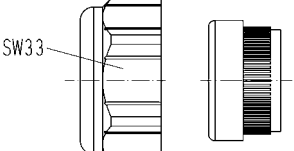
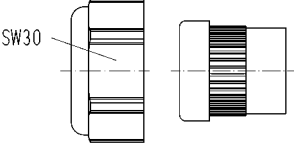
Han Q

Technical characteristics

Colour (accessories) black

Technical characteristics


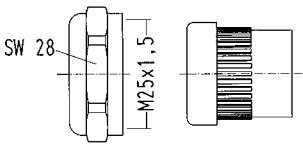

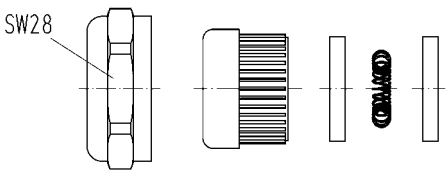
Material (screwing) thermoplastic

Identification	Clamping range (mm)	Size	Part number	Drawing Dimensions in mm
Han-Compact®, Half gland, for surface mounted housings 	6.5 ... 9.5 11.5 ... 15.5	Pg 16 Pg 16	09 00 000 5057 09 00 000 5058	
Han-Compact®, Half gland, for cable to cable housings 	6.5 ... 9.5 11.5 ... 15.5 9 ... 13 14 ... 18 17 ... 20.5	Pg 16 Pg 16 Pg 16 Pg 21 Pg 21	09 00 000 5047 09 00 000 5059 09 00 000 5156 09 00 000 5157 09 00 000 5158	
Han-Compact®, Half gland, for hoods, for cable to cable housings, black 	6.5 ... 9.5 10.5 ... 14 14 ... 17	M25 M25 M25	19 12 000 5156 19 12 000 5157 19 12 000 5158	 <p>09 00 000 5157 + 09 00 000 5158</p> 

Han Q

Technical characteristics

Material (screwing) metal

Identification	Clamping range (mm)	Size	Part number	Drawing Dimensions in mm
Han-Compact®, Half gland, for hoods, metal 	14 ... 17	M25	19 12 000 5058	
	10.5 ... 14	M25	19 12 000 5057	
Han-Compact®, EMC clamp, for hoods 	10.5 ... 14	M25	19 62 000 5056	
	10.5 ... 14	M25	19 62 000 5057	
	14 ... 17	M25	19 62 000 5058	

	19 62 000 5056	19 62 000 5057	19 62 000 5058
19 62 000 5056	10.5 ... 14mm	9 ... 13 mm	28
19 62 000 5057	10.5 ... 14mm	6 ... 11 mm	28
19 62 000 5058	14 ... 17 mm	9 ... 13 mm	28

Han Q

Technical characteristics

Material (accessories) NBR, plastic

Technical characteristics

Colour (accessories) black

Identification

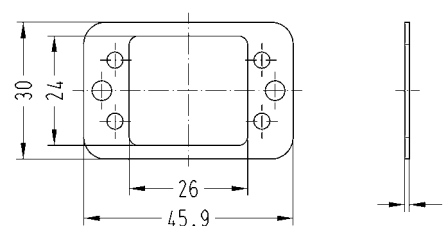
Part number

Drawing Dimensions in mm

Han-Compact®,
Flange gasket,
for bulkhead mounted plastic housings, angled,
for surface mounted housings



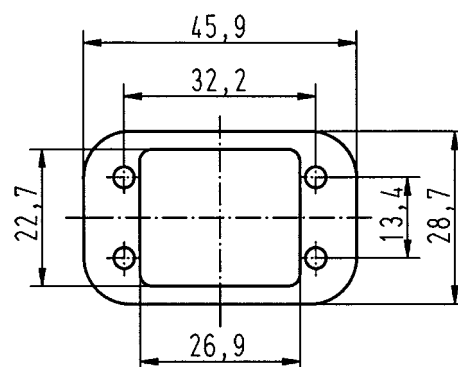
09 12 000 9911



Han-Compact®,
Flange gasket,
for bulkhead mounted plastic housings, straight



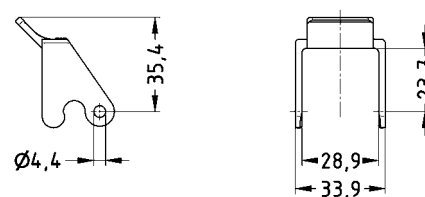
09 12 000 9912



Locking lever,
single locking lever,
Han® Q 8/0,
black



09 00 000 5244



Han Q