



Contents

Page

Han Hv E® .....  
Han® 16 / 32 Hv E .....  
Han® Hv ES .....  
Contacts .....  
Hoods/Housings .....

**Han 04.3**  
**Han 04.9**  
**Han 04.12**  
**Han 04.18**  
**Han 04.19**

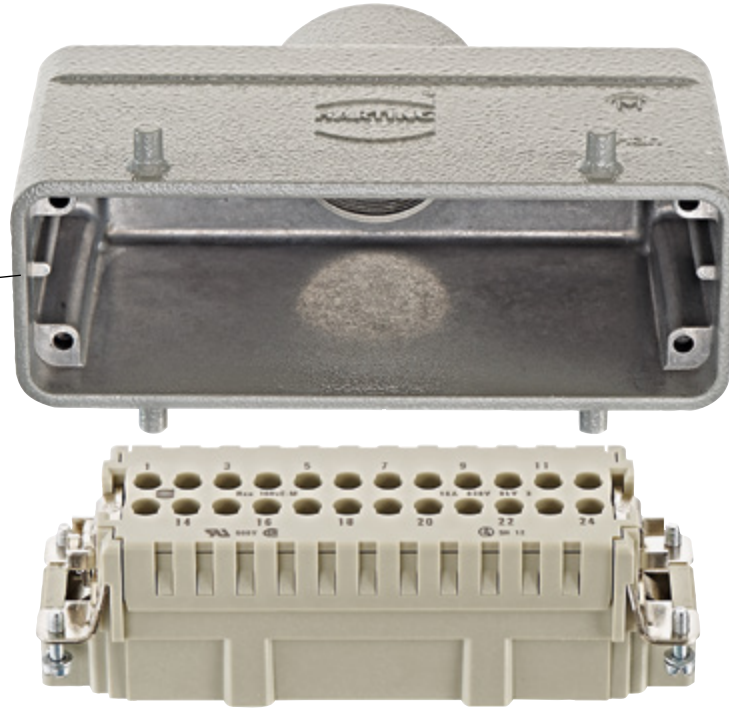
Han  
Hv E

Han  
Hv E

## Standard Hoods/Housings Han<sup>®</sup> B

Suitable for  
Han<sup>®</sup> Hv ES cage-clamp terminal  
and Han Hv E<sup>®</sup> crimp terminal

Coding bar

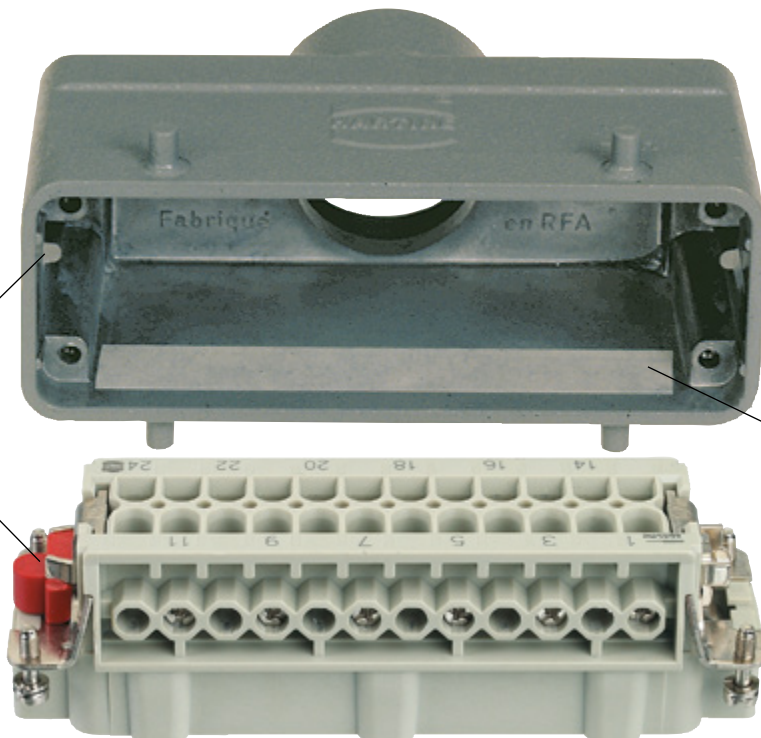


## Special hood/housing Han Hv E<sup>®</sup>

Suitable for  
Han Hv E<sup>®</sup> screw terminal

Coding Han Hv E<sup>®</sup>

Isolation  
to increase the  
electric strength



## Features

- Designed for application up to 830 V
- Available in multiple termination techniques

## Technical characteristics

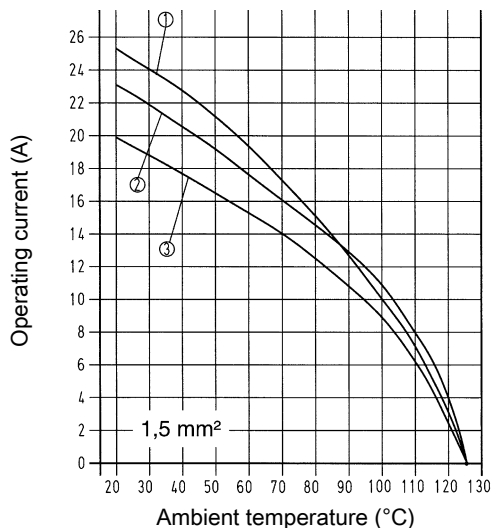
Number of contacts	3, 6, 10, 12, 20
Additional contacts	+ 2 additional relay contacts, + 4 additional relay contacts
Rated current	16 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤1 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption

## Derating

### Current carrying capacity

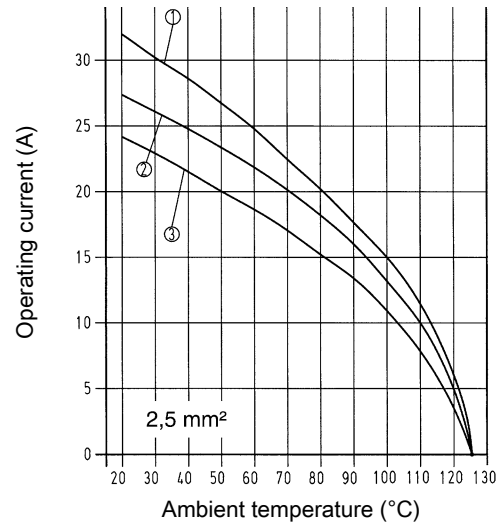
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the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

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



- ① Han® 3 Hv E
- ② Han® 6 / 12 Hv E
- ③ Han® 10 / 16 / 20 / 32 Hv E

## Derating



- ① Han® 3 Hv E
- ② Han® 6 / 12 Hv E
- ③ Han® 10 / 16 / 20 / 32 Hv E

## Specifications and approvals

EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076

## Details

Han Hv E® screw requires special Han Hv E® housings

Tightening torque 0.5 Nm

Tightening torque PE screw 1.2 Nm

Number of contacts

# 3+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E


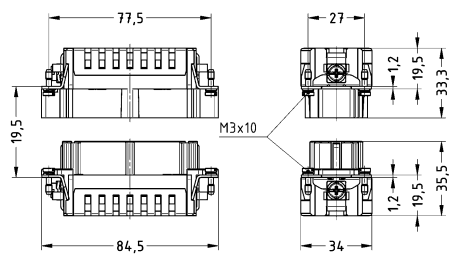
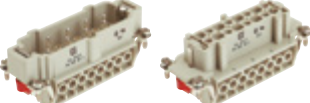
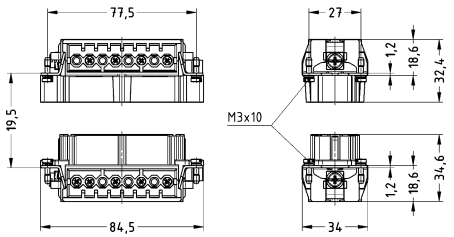
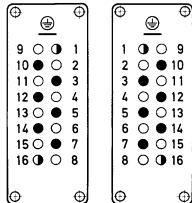
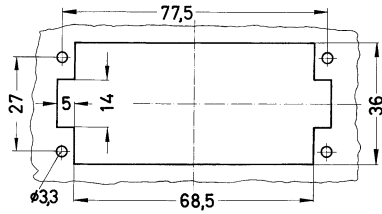
Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Crimp termination</p> <p>Please order crimp contacts separately.</p>	0.5 ... 4	09 34 003 2602	09 34 003 2702	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p>	0.75 ... 2.5	09 34 003 2601	09 34 003 2701	 <p>M                  F</p> <p>Contact arrangement (view from termination side)</p> <p>Han® 3 Hv E</p> <ul style="list-style-type: none"> <li>◆ Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul> <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

# 6+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E

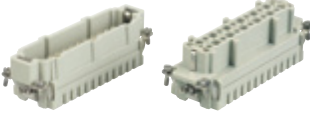
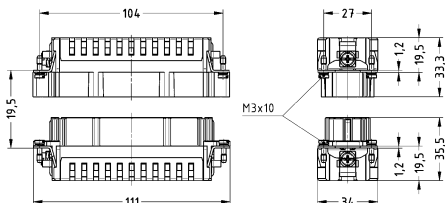
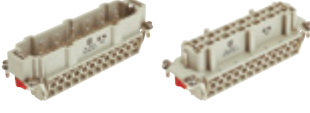
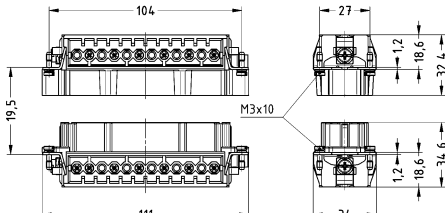
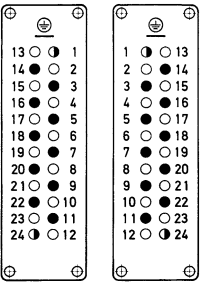
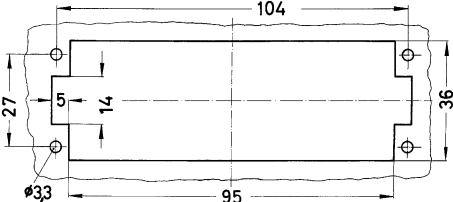
Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Crimp termination</p>  <p>Please order crimp contacts separately.</p>	0.5 ... 4	09 34 006 2602	09 34 006 2702	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p> 	0.75 ... 2.5	09 34 006 2601	09 34 006 2701	  <p>M                  F</p> <p>Contact arrangement (view from termination side) Han® 6 Hv E</p> <ul style="list-style-type: none"> <li>◆ Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul>  <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

# 10+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E

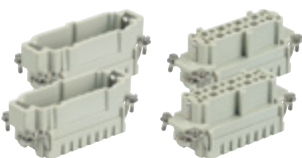
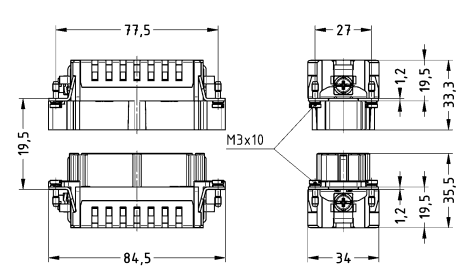
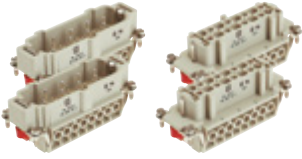
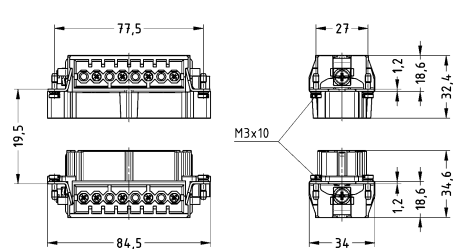
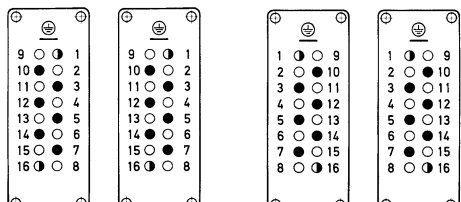
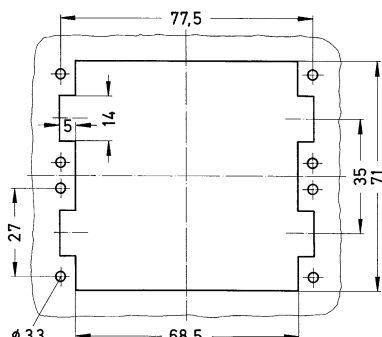
Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Crimp termination</p>  <p>Please order crimp contacts separately.</p>	0.5 ... 4	09 34 010 2602	09 34 010 2702	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p> 	0.75 ... 2.5	09 34 010 2601	09 34 010 2701	
				 <p>M F</p> <p>Contact arrangement (view from termination side) Han® 10 Hv E</p> <ul style="list-style-type: none"> <li>◆ Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul>  <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

# 12+

16 A 830 V 8 kV 3  
+ 4 additional relay contacts

Han  
Hv E

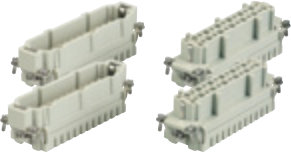
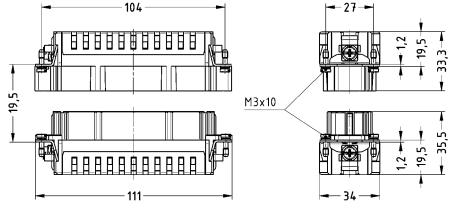

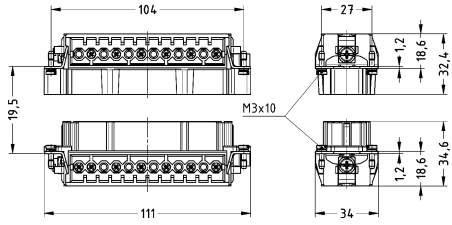
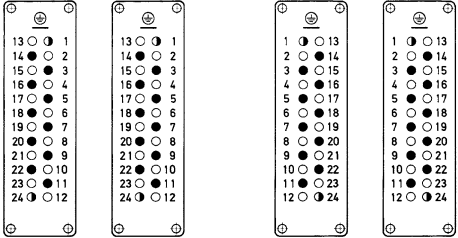
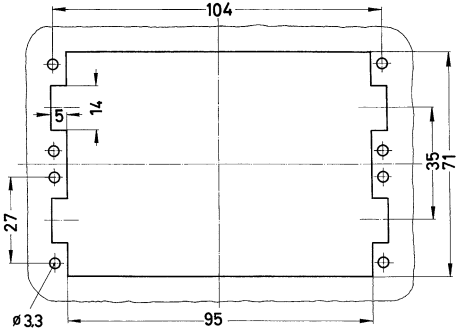
Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Crimp termination</p>  <p>Please order crimp contacts separately. You need two inserts for a complete assembly!</p>	0.5 ... 4	09 34 006 2602	09 34 006 2702	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p>  <p>You need two inserts for a complete assembly!</p>	0.75 ... 2.5	09 34 006 2601	09 34 006 2701	  <p><b>M</b>                      <b>F</b> Contact arrangement (view from termination side) Han® 12 Hv E ◆ Power contacts ● Relay contact ○ Without contact</p>  <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

# 20+

16 A 830 V 8 kV 3  
+ 4 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Crimp termination</p>  <p>Please order crimp contacts separately. You need two inserts for a complete assembly!</p>	0.5 ... 4	09 34 010 2602	09 34 010 2702	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p>  <p>You need two inserts for a complete assembly!</p>	0.75 ... 2.5	09 34 010 2601	09 34 010 2701	  <p><b>M</b> <b>F</b> Contact arrangement (view from termination side) Han® 20 Hv E</p> <ul style="list-style-type: none"> <li>● Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul>  <p>Panel cut out for use without Hoods/Housings</p>



## Features

- Designed for application up to 690 V
- No special tools required

## Technical characteristics

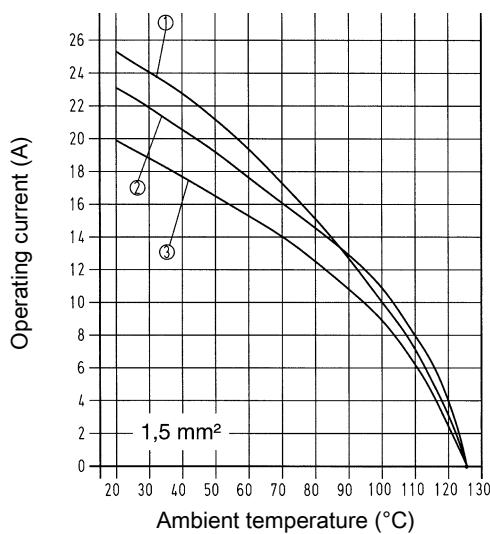
Number of contacts	16, 32
Additional contacts	+ 2 additional relay contacts, + 4 additional relay contacts
Rated current	16 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤1 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption

## Derating

### Current carrying capacity

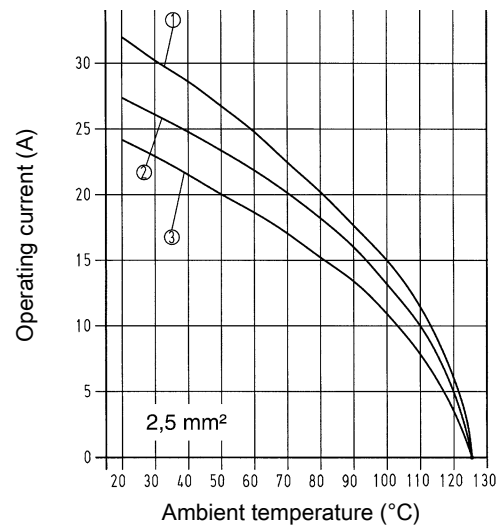
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the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

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



- ① Han<sup>®</sup> 3 Hv E
- ② Han<sup>®</sup> 6 / 12 Hv E
- ③ Han<sup>®</sup> 10 / 16 / 20 / 32 Hv E

## Derating



- ① Han<sup>®</sup> 3 Hv E
- ② Han<sup>®</sup> 6 / 12 Hv E
- ③ Han<sup>®</sup> 10 / 16 / 20 / 32 Hv E

## Specifications and approvals

EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076

## Details

Han Hv E<sup>®</sup> screw requires special Han Hv E<sup>®</sup> housings

Tightening torque 0.5 Nm

Tightening torque PE screw 1.2 Nm

Number of contacts

# 16+

16 A 400/690 V 6 kV 3  
+ 2 additional relay contacts

Han  
Hv E

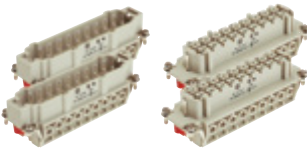
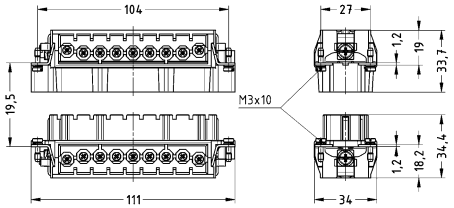
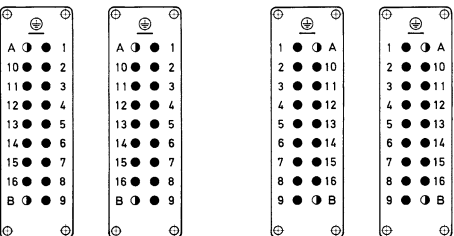
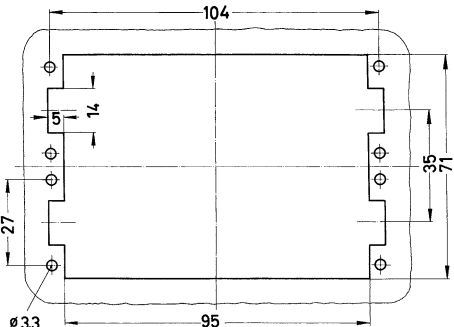
Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p>	0.75 ... 2.5	09 34 016 2601	09 34 016 2701	 <p>M F Contact arrangement (view from termination side) Han® 16 Hv E ♦ Power contacts ● Relay contact ○ Without contact</p> <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

**32+**

16 A 400/690 V 6 kV 3  
+ 4 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han Hv E®, Screw termination, With wire protection, Contact surface: Silver plated</p>  <p>You need two inserts for a complete assembly!</p>	0.75 ... 2.5	09 34 016 2601	09 34 016 2701	  <p><b>M</b> <b>F</b> Contact arrangement (view from termination side) Han® 32 Hv E</p> <ul style="list-style-type: none"> <li>● Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul>  <p>Panel cut out for use without Hoods/Housings</p>

## Features

- Designed for application up to 830 V
- Reliable cage clamp termination
- No special tools required
- Vibration-proved

## Technical characteristics

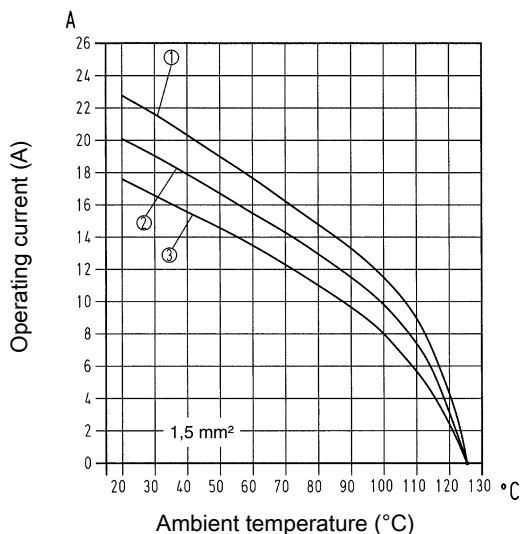
Number of contacts	3, 6, 10, 12, 20
Additional contacts	+ 2 additional relay contacts, + 4 additional relay contacts
Rated current	16 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤3 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption

## Derating

### Current carrying capacity

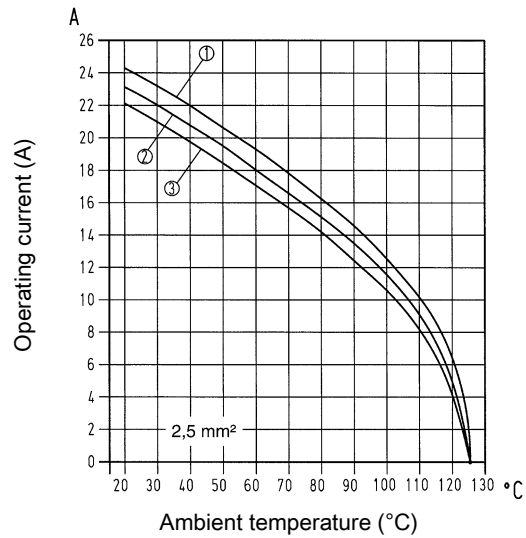
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the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

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



- ① Han® 3 Hv ES
- ② Han® 6 Hv ES / Han® 12 Hv ES
- ③ Han® 10 Hv ES / Han® 20 Hv ES

## Derating



- ① Han® 3 Hv ES
- ② Han® 6 Hv ES / Han® 12 Hv ES
- ③ Han® 10 Hv ES / Han® 20 Hv ES

## Specifications and approvals

EN 60664-1  
IEC 61984  
UL 1977 ECBT2.E235076

## Details

Not mating compatible to Han Hv E® screw/crimp termination

Tightening torque 0.5 Nm

Tightening torque PE screw 1.2 Nm

Number of contacts

# 3+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han® Hv ES, Cage-clamp termination, Contact surface: Silver plated</p>	0.14 ... 2.5	09 34 003 2616	09 34 003 2716	<p>M F Contact arrangement (view from termination side) Han® 3 Hv ES ◆ Power contacts ● Relay contact ○ Without contact</p> <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

# 6+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han® Hv ES, Cage-clamp termination, Contact surface: Silver plated</p>	0.14 ... 2.5	09 34 006 2616	09 34 006 2716	 <p>M F Contact arrangement (view from termination side) Han® 6 Hv ES</p> <ul style="list-style-type: none"> <li>• Power contacts</li> <li>● Relay contact</li> <li>○ Without contact</li> </ul> <p>Panel cut out for use without Hoods/Housings</p>

Number of contacts

10+

16 A 830 V 8 kV 3  
+ 2 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
Han® Hv ES, Cage-clamp termination, Contact surface: Silver plated  	0.14 ... 2.5	09 34 010 2616	09 34 010 2716	 <p>                             M                      F                         </p> <p>                             Contact arrangement (view from termination side)                              Han® 10 Hv ES                              ♦ Power contacts                              ● Relay contact                              ○ Without contact                         </p> <p>                             Panel cut out                              for use without Hoods/Housings                         </p>

Number of contacts

# 12+

16 A 830 V 8 kV 3  
+ 4 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han® Hv ES, Cage-clamp termination, Contact surface: Silver plated</p> <p>You need two inserts for a complete assembly!</p>	0.14 ... 2.5	09 34 006 2616	09 34 006 2716	<p><b>M</b> <b>F</b> Contact arrangement (view from termination side) Han® 12 Hv ES ◆ Power contacts ● Relay contact ○ Without contact</p> <p>Panel cut out for use without Hoods/Housings</p>

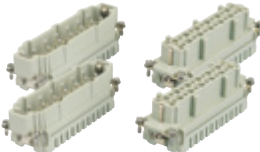
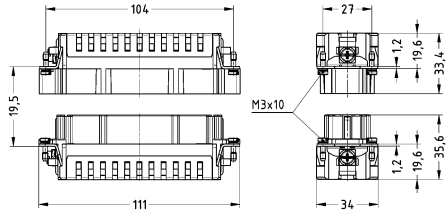
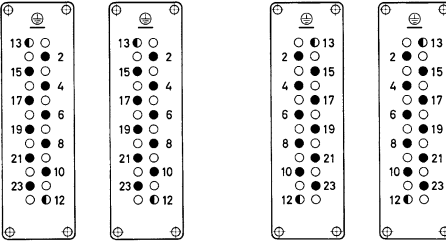
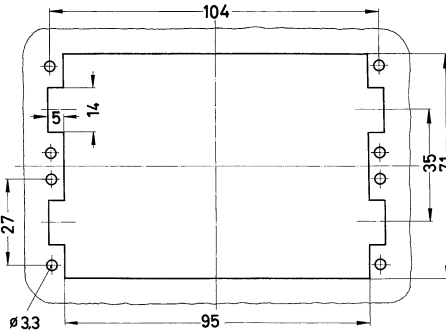


Number of contacts

**20+**

16 A 830 V 8 kV 3  
+ 4 additional relay contacts

Han  
Hv E

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
<p>Han® Hv ES, Cage-clamp termination, Contact surface: Silver plated</p>  <p>You need two inserts for a complete assembly!</p>	0.14 ... 2.5	09 34 010 2616	09 34 010 2716	  <p><b>M</b> <b>F</b></p> <p>Contact arrangement (view from termination side) Han® 20 Hv ES</p> <ul style="list-style-type: none"> <li>● Power contacts</li> <li>◐ Relay contact</li> <li>○ Without contact</li> </ul>  <p>Panel cut out for use without Hoods/Housings</p>

## Technical characteristics

Contact resistance	≤1 mΩ
Material (contacts)	Copper alloy
RoHS	compliant with exemption

## Specifications and approvals


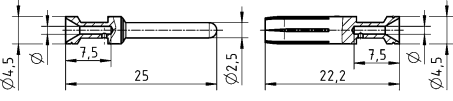
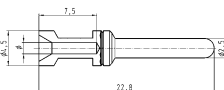

EN 60664-1  
IEC 61984

## Details

**Crimping tools** see chapter Han 90

### Remarks on the crimp technique

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

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)																														
		Male	Female																															
Han E®, Crimp contact, Contact surface: Silver plated  	0.5	09 33 000 6121	09 33 000 6220	 <table border="1" data-bbox="965 1115 1412 1406"> <thead> <tr> <th>Conductor cross-section</th> <th>Identification</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup> AWG 26-22</td> <td>no groove</td> </tr> <tr> <td>0.5 mm<sup>2</sup> AWG 20</td> <td>no groove</td> </tr> <tr> <td>0.75 mm<sup>2</sup> AWG 18</td> <td>1 groove*</td> </tr> <tr> <td>1 mm<sup>2</sup> AWG 18</td> <td>1 groove</td> </tr> <tr> <td>1.5 mm<sup>2</sup> AWG 16</td> <td>2 groove</td> </tr> <tr> <td>2.5 mm<sup>2</sup> AWG 14</td> <td>3 groove</td> </tr> <tr> <td>3 mm<sup>2</sup> AWG 12</td> <td>wide groove</td> </tr> <tr> <td>4 mm<sup>2</sup> AWG 12</td> <td>no groove</td> </tr> </tbody> </table> <p>* on the back crimp collar</p> <p>Stripping length 7.5 mm</p>  <table border="1" data-bbox="965 1568 1412 1680"> <thead> <tr> <th>Conductor cross-section</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.75-1 mm<sup>2</sup> AWG 18</td> <td>1.45 mm</td> <td>7.5 mm</td> </tr> <tr> <td>1.5 mm<sup>2</sup> AWG 16</td> <td>1.75 mm</td> <td>7.5 mm</td> </tr> <tr> <td>2.5 mm<sup>2</sup> AWG 14</td> <td>2.25 mm</td> <td>7.5 mm</td> </tr> </tbody> </table>	Conductor cross-section	Identification	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove	0.5 mm <sup>2</sup> AWG 20	no groove	0.75 mm <sup>2</sup> AWG 18	1 groove*	1 mm <sup>2</sup> AWG 18	1 groove	1.5 mm <sup>2</sup> AWG 16	2 groove	2.5 mm <sup>2</sup> AWG 14	3 groove	3 mm <sup>2</sup> AWG 12	wide groove	4 mm <sup>2</sup> AWG 12	no groove	Conductor cross-section	∅	Stripping length	0.75-1 mm <sup>2</sup> AWG 18	1.45 mm	7.5 mm	1.5 mm <sup>2</sup> AWG 16	1.75 mm	7.5 mm	2.5 mm <sup>2</sup> AWG 14	2.25 mm	7.5 mm
	Conductor cross-section	Identification																																
	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove																																
	0.5 mm <sup>2</sup> AWG 20	no groove																																
	0.75 mm <sup>2</sup> AWG 18	1 groove*																																
	1 mm <sup>2</sup> AWG 18	1 groove																																
	1.5 mm <sup>2</sup> AWG 16	2 groove																																
	2.5 mm <sup>2</sup> AWG 14	3 groove																																
	3 mm <sup>2</sup> AWG 12	wide groove																																
	4 mm <sup>2</sup> AWG 12	no groove																																
Conductor cross-section	∅	Stripping length																																
0.75-1 mm <sup>2</sup> AWG 18	1.45 mm	7.5 mm																																
1.5 mm <sup>2</sup> AWG 16	1.75 mm	7.5 mm																																
2.5 mm <sup>2</sup> AWG 14	2.25 mm	7.5 mm																																
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																																
3	09 33 000 6106	09 33 000 6206																																
4	09 33 000 6107	09 33 000 6207																																
Han E®, Crimp contact, Relay contact, Contact surface: Silver plated  	0.75 ... 1	09 33 000 6109																																
	1.5	09 33 000 6110																																
	2.5	09 33 000 6111																																

## Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP65
Type rating acc. to UL 50 / UL 50E	4, 4X, 12
Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)
Material (seal)	NBR
Material (locking)	Polycarbonate (PC), Stainless steel
Colour (locking)	RAL 7037 (dust grey)
Material flammability class acc. to UL 94 (locking levers)	V-0
RoHS	compliant

## Specifications and approvals

DNV GL




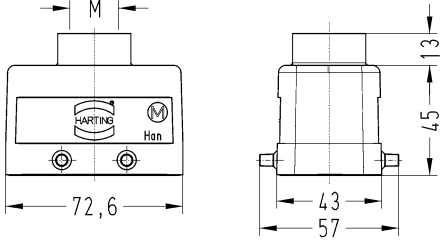

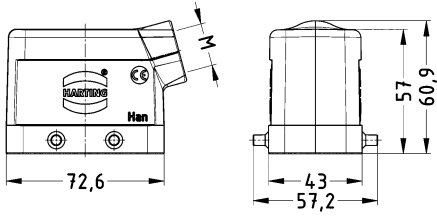

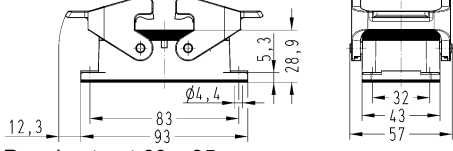

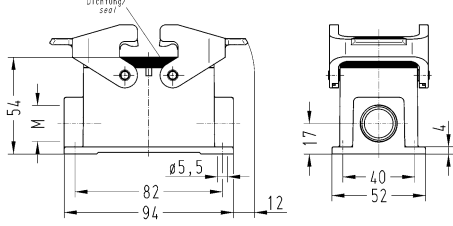

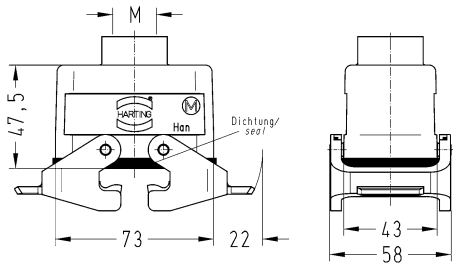
## Details

Special hoods/housings for Han Hv E® screw terminal

**Standard hoods/housings** see chapter Han 31


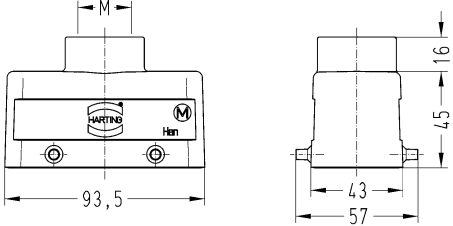

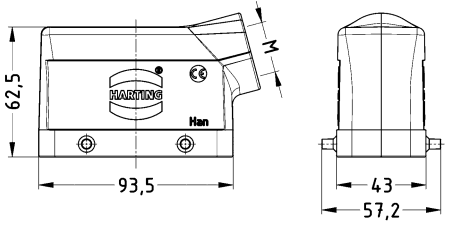

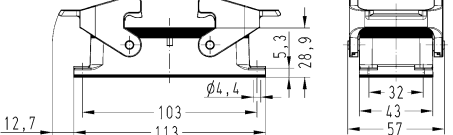

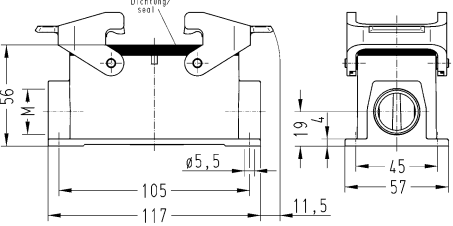

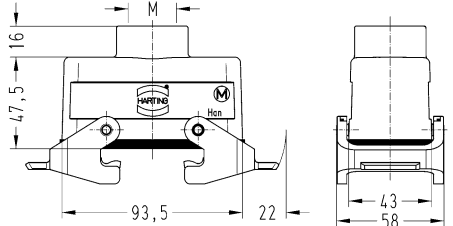
Special hoods/housings for Han Hv E® screw terminal  
Double locking lever

Han  
Hv E

Identification	Cable entry	Part number Low construction	Drawing (dimensions in mm)
Han Hv E®, Hood, Top entry, IP65  	1x M20 1x M25	19 34 003 0420 19 34 003 0421	
Han Hv E®, Hood, Side entry, IP65  	1x M20	19 34 003 0520	
Han Hv E®, Bulkhead mounted housing, Han-Easy Lock®, IP65  		09 34 003 0301	 <p>Panel cut out 60 x 35 mm</p>
Han Hv E®, Surface mounted housing, Side entry, Han-Easy Lock®, IP65  	2x M20	19 34 003 0270	
Han Hv E®, Cable to cable housing, Top entry, Han-Easy Lock®, IP65  	1x M20 1x M25	19 34 003 0730 19 34 003 0731	


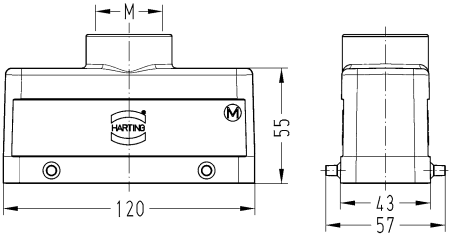

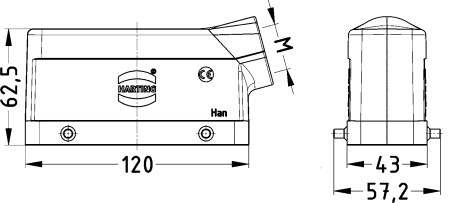

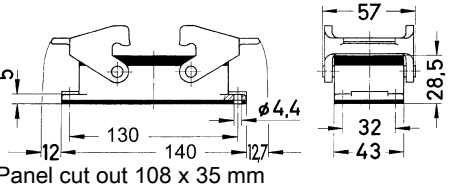

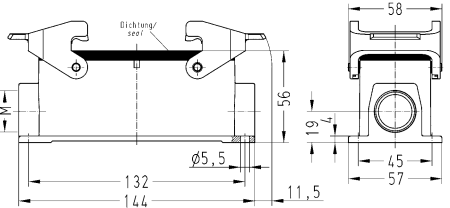

Special hoods/housings for Han Hv E® screw terminal  
Double locking lever

Han  
Hv E

Identification	Cable entry	Part number Low construction	Drawing (dimensions in mm)
Han Hv E®, Hood, Top entry, IP65  	1x M25	19 34 006 0421	
Han Hv E®, Hood, Side entry, IP65  	1x M25	19 34 006 0521	
Han Hv E®, Bulkhead mounted housing, Han-Easy Lock®, IP65  		09 34 006 0301	 <p>Panel cut out 82 x 35mm</p>
Han Hv E®, Surface mounted housing, Side entry, Han-Easy Lock®, IP65  	2x M25	19 34 006 0271	
Han Hv E®, Cable to cable housing, Top entry, Han-Easy Lock®, IP65  	1x M25 1x M32	19 34 006 0731 19 34 006 0732	

Special hoods/housings for Han Hv E® screw terminal  
Double locking lever

Han  
Hv E

Identification	Cable entry	Part number Low construction	Drawing (dimensions in mm)
Han Hv E®, Hood, Top entry, IP65  	1x M32	19 34 010 0422	
Han Hv E®, Hood, Side entry, IP65  	1x M25	19 34 010 0521	
Han Hv E®, Bulkhead mounted housing, Han-Easy Lock®, IP65  		09 34 010 0301	 <p>Panel cut out 108 x 35 mm</p>
Han Hv E®, Surface mounted housing, Side entry, Han-Easy Lock®, IP65  	2x M25	19 34 010 0271	
Han Hv E®, Cable to cable housing, Top entry, Han-Easy Lock®, IP65  	1x M32	19 34 010 0732	