

Features

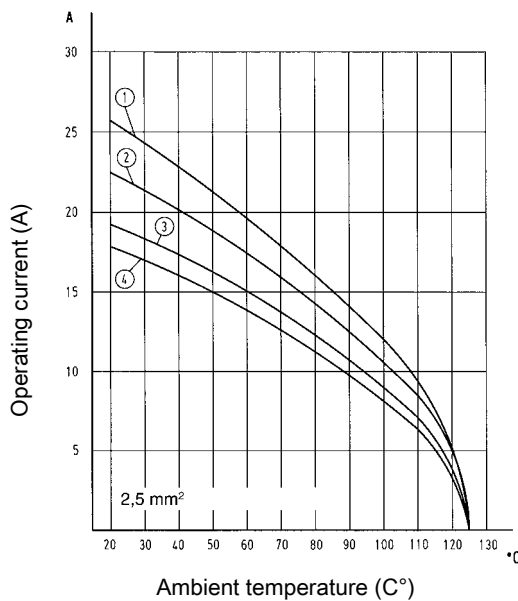
- Covers a wide range of cross core sections
- Screw termination with wire protection

Derating

Current carrying capacity

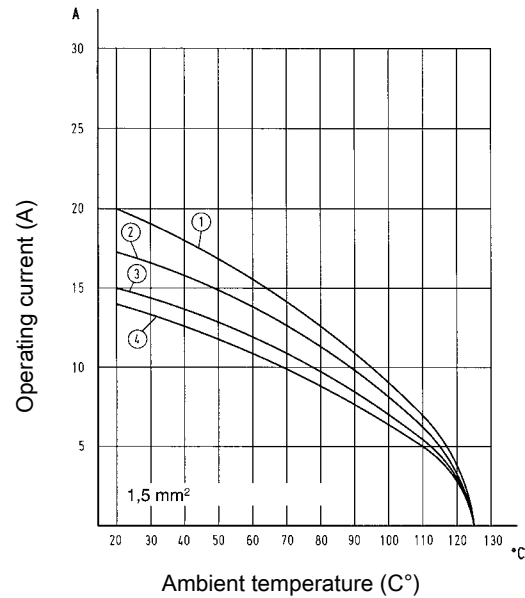
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the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

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



- ① Han® 6 E
- ② Han® 10 E
- ③ Han® 16 E Han® 32 E
- ④ Han® 24 E Han® 48 E

Derating



- ① Han® 6 E
- ② Han® 10 E
- ③ Han® 16 E Han® 32 E
- ④ Han® 24 E Han® 48 E

Technical characteristics

Contacts	6, 10, 16, 24, 32, 48
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
Tightening torque	0.5 Nm
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Internal use in the switch cabinet in conjunction with Han-Snap® (see chapter 11)


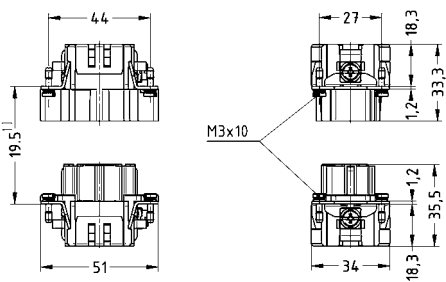

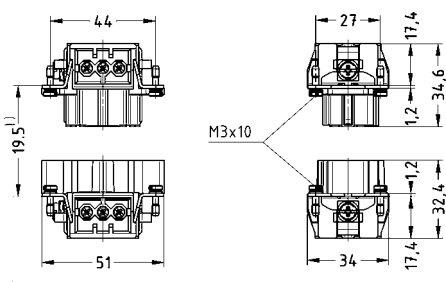
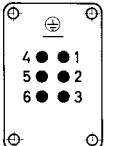
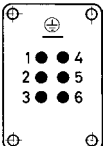
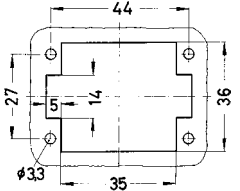
Suitable for hoods/housings of series Han® B, Han® M, Han® EMV, Han® HPR, Han® Easy Hood (see chapter 31)

Number of contacts

6+

500 V
16 A

Han
E/EE


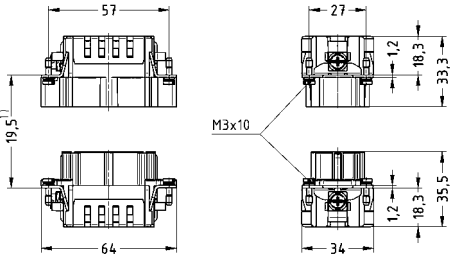

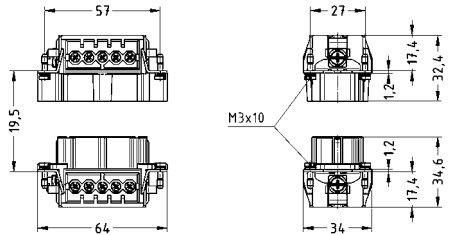
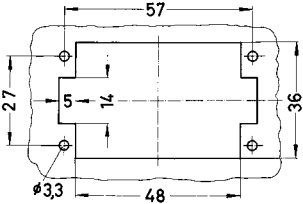
Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm
<p>Han E®, Crimp terminal</p>  <p>Please order crimp contacts separately.</p>		09 33 006 2602	09 33 006 2702	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Screw terminal, with wire protection, contact resistance ≤1 mOhm</p> 	0.75 – 2.5	09 33 006 2601	09 33 006 2701	 <p>1) Distance for contact max. 21 mm</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>M</p> </div> <div style="text-align: center;">  <p>F</p> </div> </div> <p>Contact arrangement (view from termination side)</p>  <p>Panel cut out</p>

Number of contacts

10+

500 V
16 A

Han
E/EE


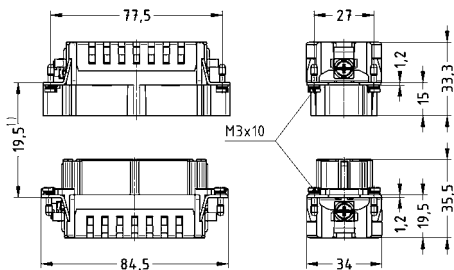
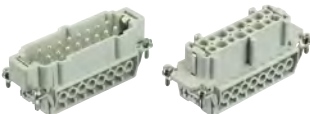
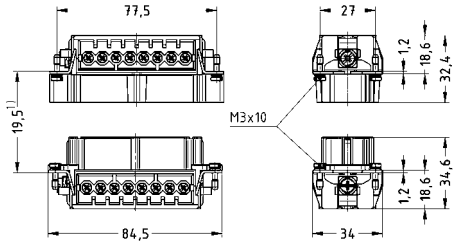
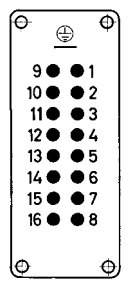
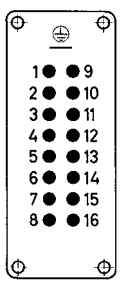
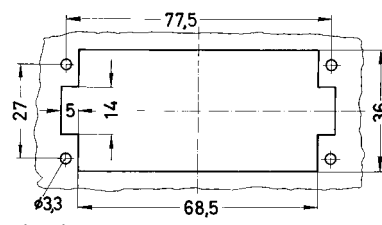
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Number of contacts

16+

500 V
16 A

Han
E/EE

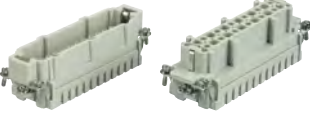
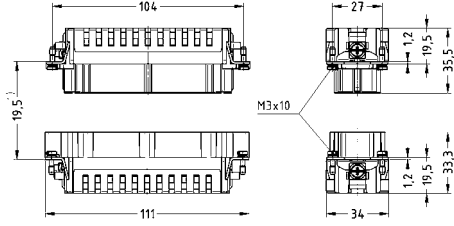

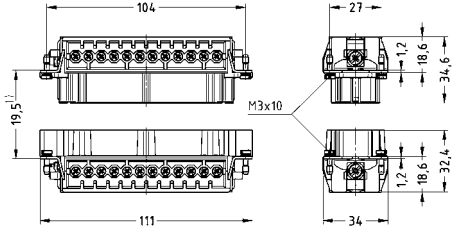
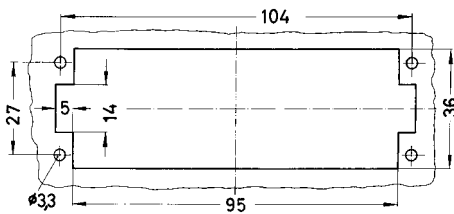
Identification	Wire cross section (mm ²)	Part number male female		Drawing Dimensions in mm
<p>Han E®, Crimp terminal</p>  <p>Please order crimp contacts separately.</p>		09 33 016 2602	09 33 016 2702	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Screw terminal, with wire protection, contact resistance ≤1 mOhm</p> 	0.75 – 2.5	09 33 016 2601	09 33 016 2701	 <p>1) Distance for contact max. 21 mm</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>M</p> </div> <div style="text-align: center;">  <p>F</p> </div> </div> <p>Contact arrangement (view from termination side)</p>  <p>Panel cut out</p>

Number of contacts

24+

500 V
16 A

Han
E/EE

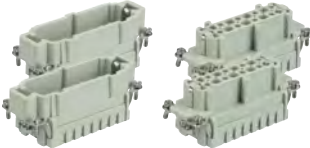
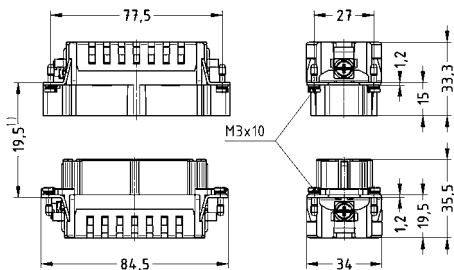

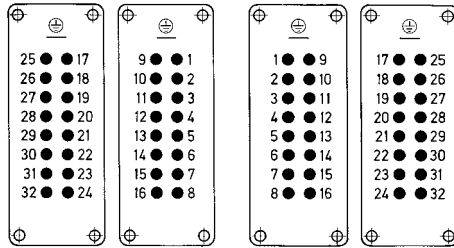
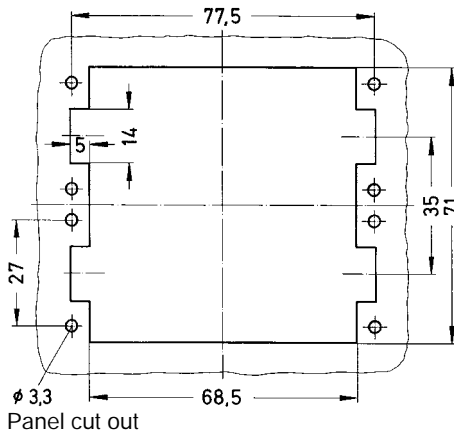
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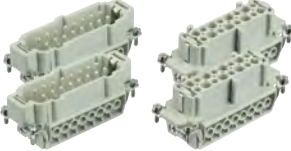
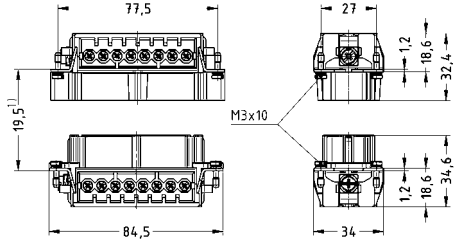
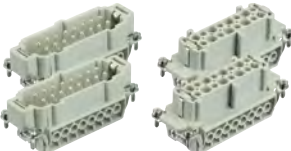
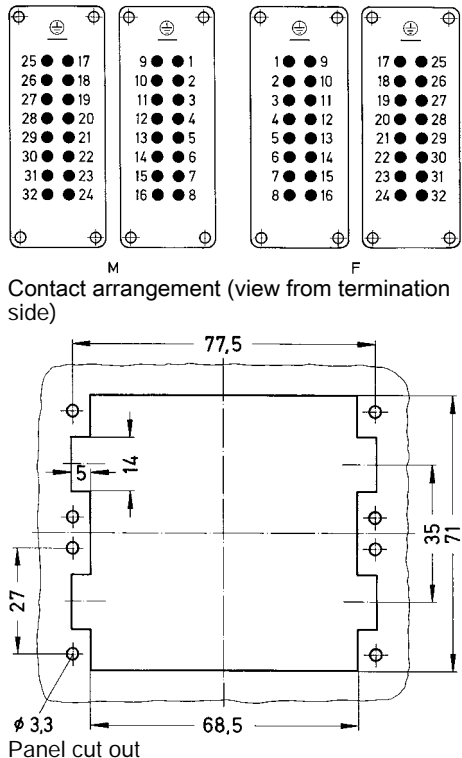
Number of contacts

32+

500 V
16 A

Han
E/EE

Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	
<p>Han E®, Crimp terminal, 1 - 16</p>  <p>Please order crimp contacts separately. Please order two inserts for a complete assembly!</p>		09 33 016 2602	09 33 016 2702	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Crimp terminal, 17 - 32</p>  <p>Please order crimp contacts separately. Please order two inserts for a complete assembly!</p>		09 33 016 2612	09 33 016 2712	 <p>Contact arrangement (view from termination side)</p> 

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm
		male	female	
<p>Han E®, Screw terminal, 1 - 16, with wire protection, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	0.75 – 2.5	09 33 016 2601	09 33 016 2701	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Screw terminal, 17 - 32, with wire protection, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	0.75 – 2.5	09 33 016 2611	09 33 016 2711	 <p>Contact arrangement (view from termination side)</p>

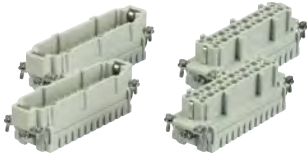
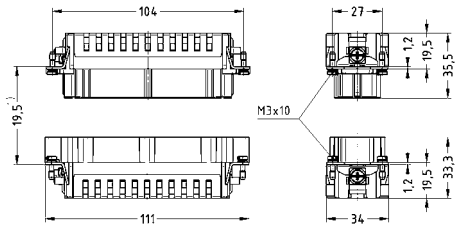
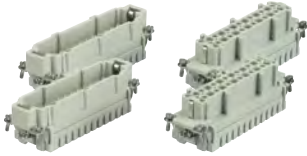
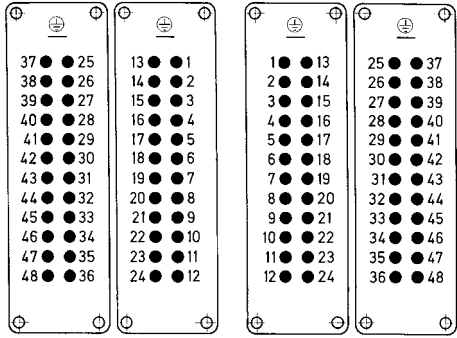
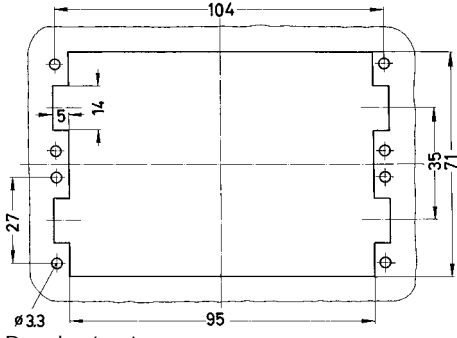
Han E/EE

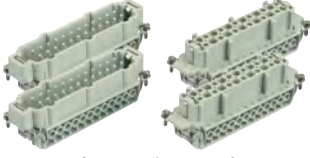
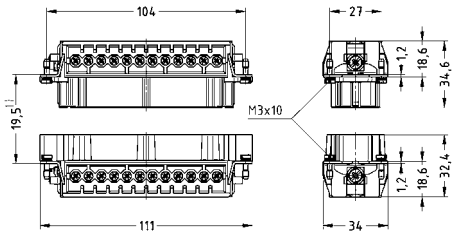
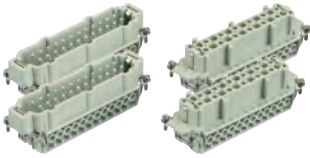
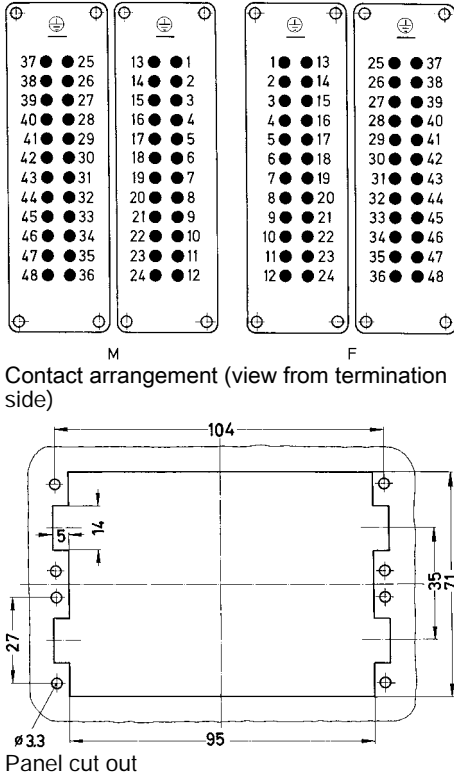
Number of contacts

48+

500 V
16 A

Han
E/EE

Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	
<p>Han E®, Crimp terminal, 1 - 24</p>  <p>Please order crimp contacts separately. Please order two inserts for a complete assembly!</p>		09 33 024 2602	09 33 024 2702	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Crimp terminal, 25 - 48</p>  <p>Please order crimp contacts separately. Please order two inserts for a complete assembly!</p>		09 33 024 2612	09 33 024 2712	 <p>Contact arrangement (view from termination side)</p>  <p>Panel cut out</p>

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm
		male	female	
<p>Han E®, Screw terminal, 1 - 24, with wire protection, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	0.75 – 2.5	09 33 024 2601	09 33 024 2701	 <p>1) Distance for contact max. 21 mm</p>
<p>Han E®, Screw terminal, 25 - 48, with wire protection, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	0.75 – 2.5	09 33 024 2611	09 33 024 2711	 <p>Contact arrangement (view from termination side)</p> <p>Panel cut out</p>

Han
E/EE