


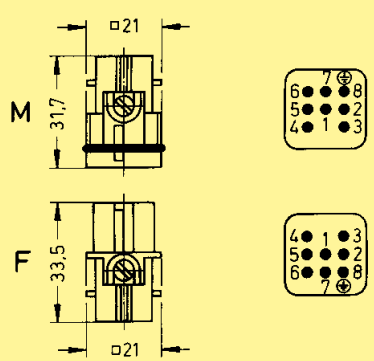

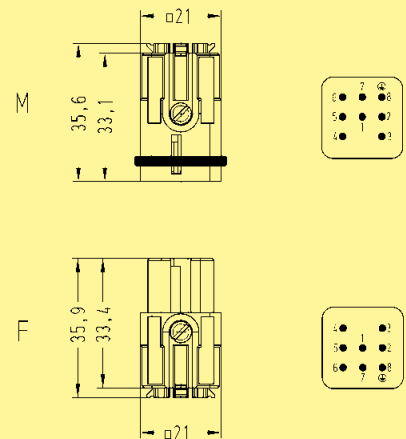

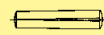
Number of contacts

8



Han  
D/DD

Inserts

Identification	Series	Part number		Drawing	Dimensions in mm
		Male insert (M)	Female insert (F)		
<p><b>Crimp terminal</b></p> <p>Order crimp contacts separately (see Technical characteristics on page 02.04)</p>  <p>For thermoplastics and metal hoods/housings</p>	Han D®	<b>09 36 008 3001</b>	<b>09 36 008 3101</b>	<p>Contact arrangement view from termination side</p> 	
<p><b>Han® 8 D Quick Lock</b></p>  <p>For thermoplastics and metal hoods/housings</p>	Han D®	<b>09 36 008 2632</b>	<b>09 36 008 2732</b>	<p>Contact arrangement view from termination side</p> 	
<p><b>Coding pin</b></p> 			<b>09 33 000 9915</b>	<p>Coding pin</p>  <p>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.</p>	

## Features

- High density of crimping contacts, up to 8 contacts / connector
- Time saving rapid termination by use of crimping contacts
- For requirements up to ~ 50 V / — 120 V / 10 A
- Gold and silver contacts available
- Suitable for thermo- and 1 mm F.O. contacts

## Specifications

DIN EN 60 664-1  
DIN EN 61 984  
DIN EN 175 301-801

## Approvals



## Inserts

Number of contacts	8
Electrical data acc. to EN 61 984	<b>10 A ~50 V / – 120 V 0.8 kV 3</b>
Rated current	10 A
Rated voltage	~ 50 V
Rated voltage DC	– 120 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Rated voltage acc. to UL/CSA	50 V
Rated voltage (direct voltage)	120 V
Insulation resistance	≥ 10 <sup>10</sup> Ω
Material	polyamide
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	HB
Mechanical working life - mating cycles	≥ 500

## Contacts

Material	copper alloy
Surface - hard-gold plated	2 µm Au over 3 µm Ni
Surface - hard-silver plated	3 µm Ag
Contact resistance	≤ 3 mΩ
Crimp terminal - min	0.14 mm <sup>2</sup> / AWG 26
Crimp terminal - max	2.5 mm <sup>2</sup> / AWG 14
Han-Quick Lock® - min	0.25 mm <sup>2</sup> / AWG 24
Han-Quick Lock® - max	1.5 mm <sup>2</sup> / AWG 16

## Hoods/Housings Han® 3 A

Thermoplastic	
Material	polycarbonate
Surface	RAL 7032 (light grey) RAL 9005 (black)
Locking element	lever, plastic
Flammability acc. to UL 94	V 0
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65 / IP 67
Metal	
Material	zinc die-cast
Surface	powder coated RAL 7037 (grey)
Locking element	lever, metal
Flammability acc. to UL 94	V 0
Hoods/Housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

## Accessories

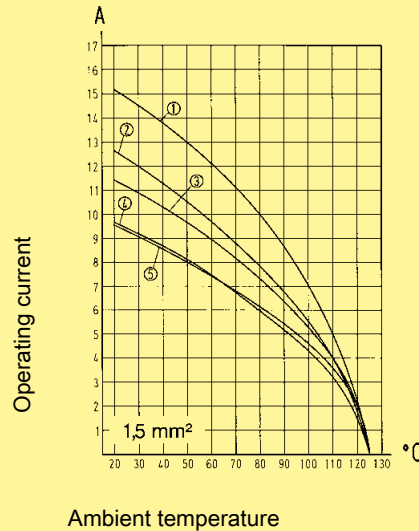
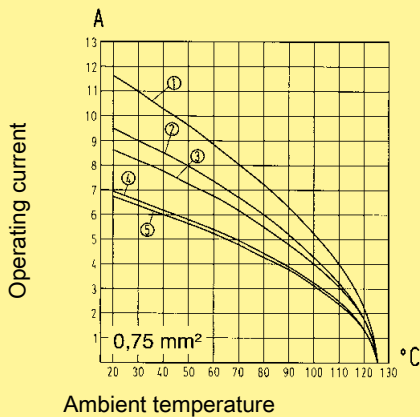
Crimping tools	chapter 99
Cable clamps	chapter 40
Coding of hoods/housings	chapter 40
Label acc. to CSA-approval	chapter 40
Han-Snap®	chapter 11
Assembly plates for test connector	chapter 40

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 according to DIN EN 60 512-5

Han  
D/DD



- ① Han® 7 D
- ② Han® 15 D
- ③ Han® 25 D
- ④ Han® 40 D
- ⑤ Han® 64 D

Identification	Wire gauge (mm²)	Part number Male contact	Part number Female contact	Drawing	Dimensions in mm																						
Crimp contacts	silver plated	0.14-0.37	<b>09 15 000 6104</b>	<b>09 15 000 6204</b>		<table border="1"> <thead> <tr> <th>Wire gauge</th> <th>D</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm²</td> <td>AWG 26-22</td> <td>0.9 mm</td> </tr> <tr> <td>0.5 mm²</td> <td>AWG 20</td> <td>1.1 mm</td> </tr> <tr> <td>0.75 mm²</td> <td>AWG 18</td> <td>1.3 mm</td> </tr> <tr> <td>1 mm²</td> <td>AWG 18</td> <td>1.45 mm</td> </tr> <tr> <td>1.5 mm²</td> <td>AWG 16</td> <td>1.75 mm</td> </tr> <tr> <td>2.5 mm²</td> <td>AWG 14</td> <td>2.25 mm</td> </tr> </tbody> </table>	Wire gauge	D	Stripping length	0.14-0.37 mm²	AWG 26-22	0.9 mm	0.5 mm²	AWG 20	1.1 mm	0.75 mm²	AWG 18	1.3 mm	1 mm²	AWG 18	1.45 mm	1.5 mm²	AWG 16	1.75 mm	2.5 mm²	AWG 14	2.25 mm
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	1	<b>09 15 000 6102</b>	<b>09 15 000 6202</b>																								
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	2.5	<b>09 15 000 6106</b>	<b>09 15 000 6206</b>																								
	gold plated	0.14-0.37	<b>09 15 000 6124</b>	<b>09 15 000 6224</b>																							
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1		<b>09 15 000 6122</b>	<b>09 15 000 6222</b>																								
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F.O. contacts for 1 mm plastic fibre			<b>20 10 001 3212</b>	<b>20 10 001 3222</b>																							
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