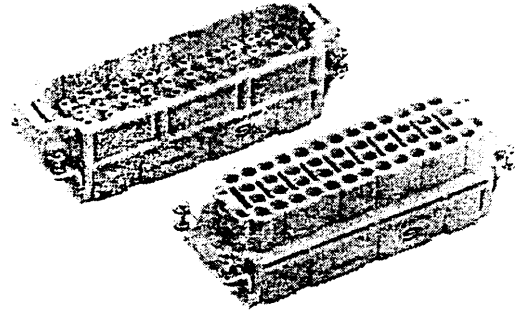


Number of contacts

10 - 46 +

Inserts



Identification	Number of contacts	Part No.		Drawing	Dimensions in mm																									
		Male insert (M)	Female insert (F)																											
Crimp terminal Order contacts separately	10	09 32 010 3001	09 32 010 3101	<p>1) Distance for guaranteed contact max. 21 mm</p>	<table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> </thead> <tbody> <tr> <td>10 EE</td> <td>44</td> <td>51</td> <td>44</td> <td>35</td> </tr> <tr> <td>18 EE</td> <td>57</td> <td>64</td> <td>57</td> <td>48</td> </tr> <tr> <td>32 EE</td> <td>77.5</td> <td>84.5</td> <td>77.5</td> <td>68.5</td> </tr> <tr> <td>46 EE</td> <td>104</td> <td>111</td> <td>104</td> <td>95</td> </tr> </tbody> </table>		a	b	c	d	10 EE	44	51	44	35	18 EE	57	64	57	48	32 EE	77.5	84.5	77.5	68.5	46 EE	104	111	104	95
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Identification	Wire gauge mm ²	Part No.		Drawing	Dimensions in mm																					
		Male contacts	Female contacts																							
Crimp contacts silver plated	0.5	09 33 000 6121	09 33 000 6220		<table border="1"> <thead> <tr> <th>Identification</th> <th>Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <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>1.0 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>no groove</td> <td>4.0 mm² AWG 12</td> <td>7.5 mm</td> </tr> </tbody> </table>	Identification	Wire gauge	Stripping length	no groove	0.5 mm ² AWG 20	7.5 mm	1 groove*	0.75 mm ² AWG 18	7.5 mm	1 groove	1.0 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	no groove	4.0 mm ² AWG 12	7.5 mm
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1.0	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																								
4.0	09 33 000 6107	09 33 000 6207																								
gold plated	0.5	09 33 000 6122	09 33 000 6222																							
	0.75	09 33 000 6115	09 33 000 6215																							
	1.0	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																							
	4.0	09 33 000 6119	09 33 000 6221																							

* on crimp collar at the back

Features

- 10, 18, 32, 46 contacts (20 A)
- up to 46 contacts Han E in a Han 24 B housing
- polarization of insert
- crimp termination
- contacts with silver and gold plated surface
- suitable for the Han B, Han EMV, Han HP, Han HPR, Han M series of hoods/ housings

Specifications

DIN VDE 0627
DIN VDE 0110

Inserts

Number of contacts	10, 18, 32, 46 + PE
Working current	20 A ¹⁾
Working voltage	500 V
Pollution degree	3 (C)
Material	Polycarbonate
Insulation resistance	> 10 ¹⁰ Ohm
Temperature range	- 40° C + 125° C
Flammability acc. to UL 94	V 0
Mechanical working life	> 500

¹⁾ suitable for max. 20 p.c. of the contacts according to DIN IEC 512-3

Contacts

Material	copper alloy
Surface	
- hard-silver plated	3 µm Ag
- hard-gold plated	2 µm Au over 3 µm Ni
Contact resistance	< 1 mOhm
Crimp terminal	
- mm ²	0,5 - 4,0 mm ²
- AWG	20 - 12

For complete selection of hoods/ housings see catalogue "Heavy Duty Connectors".

Contact arrangement View from the termination side

