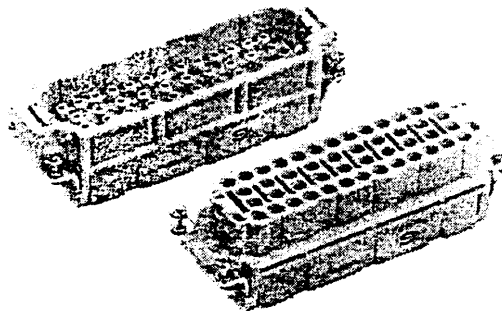


Number of contacts

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	1) Distance for guaranteed contact max. 21 mm	<table><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
		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																										
18	09 32 018 3001	09 32 018 3101																												
32	09 32 032 3001	09 32 032 3101																												
46	09 32 046 3001	09 32 046 3101																												

Identification.	Wire gauge mm ²	Part No. Male contacts	Female contacts	Drawing	Dimensions in mm
Crimp contacts	0.5	09 33 000 6121	09 33 000 6220		
silver plated	0.75	09 33 000 6114	09 33 000 6214		
	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			

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

* on crimp collar at the back

* 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

