Features

- 3 contacts (40 A) for power circuits
- Male insert with additional protection collar
- Polarization of module
- Crimp termination
- Alternatively use of male and female modules within one frame

Technical characteristics

Specifications	DIN VDE 0627 DIN VDE 0110
Approvals	/

Inserts

Number of contacts	3
Working current	40 A
Working voltage	400 / 690 V
Working voltage according to UL/CSA	600 V
Pollution degree	3 (C)
Test voltage U_{eff}	3 kV
Material	Polycarbonate
Insulation resistance	≥ 10^{10} Ω
Temperature range	- 40 °C + 125 °C
Flammability acc. to UL 94	V 0
Mechanical working life - mating cycles	≥ 500

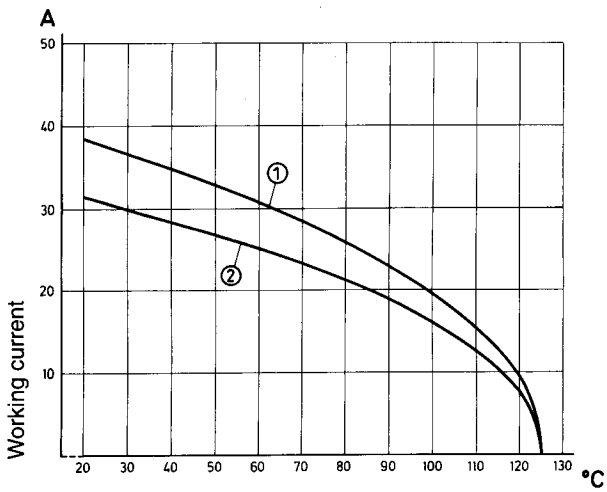
Contacts

Material	copper alloy
Surface - hard-silver plated	5 µm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal - mm²	1.5 - 6 mm²
- AWG	16 - 10

Current carrying capacity

The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals. The current capacity-curve is valid for continuous, not interrupted current-loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.

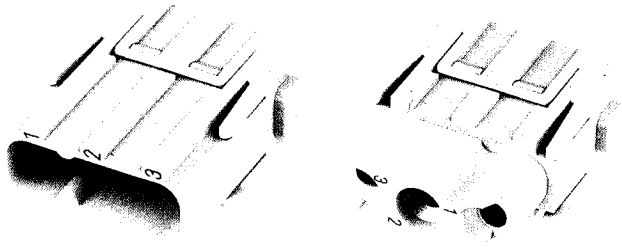
Control and test procedures according to DIN IEC 512-3.



① 24 B hood/housing with 6 modules; wire gauge: 6.0 mm²
② 24 B hood/housing with 6 modules; wire gauge: 4.0 mm²

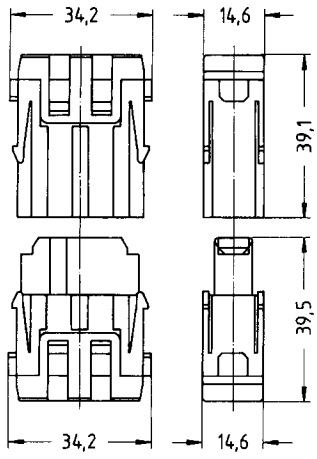
Number of contacts

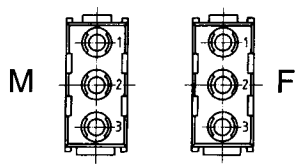
3



Han® C-module

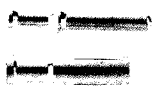
Identification	Part No. Male insert (M)	Female insert (F)	Drawing	Dimensions in mm
Crimp terminal				
Order contacts separately	**09 14 003 3001**		M	
		09 14 003 3101	F	

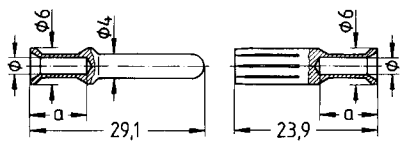




Contact arrangement View from termination side

Identification	Wire gauge (mm²)	Part No. Male contacts	Female contacts	Drawing	Dimensions in mm
Crimp contacts					
Power contacts					
silver plated	**1.5**	**09 32 000 6104**	**09 32 000 6204**		
	2.5	**09 32 000 6105**	**09 32 000 6205**		
	4.0	**09 32 000 6107**	**09 32 000 6207**		
	6.0	**09 32 000 6108**	**09 32 000 6208**		





ø	Wire gauge		a
1.75	1.5 mm²	AWG 16	9
2.25	2.5 mm²	AWG 14	9
2.85	4 mm²	AWG 12	9.6
3.5	6 mm²	AWG 10	9.6

Stock items in bold type