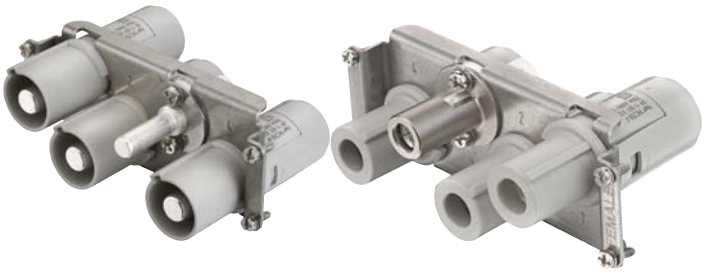
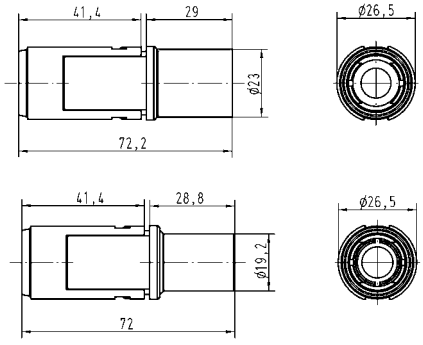
Han® HC Modular 250 + PE

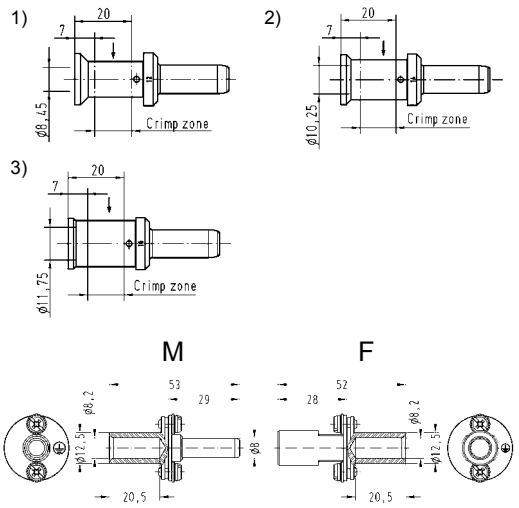
2000 V 250 A



Identification	Part-Number Male insert (M)	Female insert (F)	Drawings	Dimensions in mm
Han® HC Modular 250 Crimp terminal	09 11 001 3021	09 11 001 3121	M F	



Identification	Wire gauge mm²	Part-Number Male contacts (M)	Female contacts (F)	Drawings	Dimensions in mm
Crimp contacts* Silver plated	35[1)]	09 11 000 6127	09 11 000 6227	1)	
	50[2)]	09 11 000 6128	09 11 000 6228	2)	
	70[3)]	09 11 000 6129	09 11 000 6229	3)	
PE-Crimp contacts	35	09 11 000 6104	09 11 000 6204	M F	
Frames, 4 pins for 24 HPR hoods/housings		09 11 000 9925	09 11 000 9926		



Wire gauge	Tool identification	Stripping length
35 mm² 50 mm² 70 mm²	12 14 16	22 mm 22 mm 22 mm
* for stranded wire acc. to IEC 60 228 class 5		

Identification	Part-Number	Drawings
Tools removal from the mating side	09 99 000 0332	

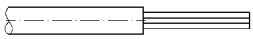
* Crimp zone acc. to DIN EN 46 235

Han® HC Modular 250 + PE

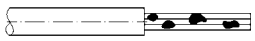
Features

- Crimp termination
- Designed for thick cable insulations
- For crimp dies acc. to DIN 46 235
- For crimping tools with 13 t pressing force

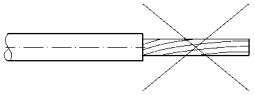
Assembly Details



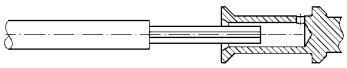
Cut the cable square and strip the insulation



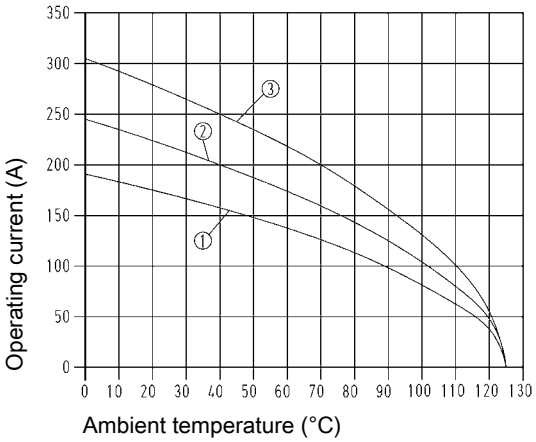
The copper strands must be cleaned from dirt and oxide film



Copper strands must not be twisted



Insert the cable strand completely into the crimp ferrule.
Check insertion via inspection hole



① Wire gauge: 35 mm²
② Wire gauge: 50 mm²
③ Wire gauge: 70 mm²

Technical characteristics

Specifications	DIN EN 60 664-1 DIN EN 61 984 EN 50 124-1

Inserts

Electrical data acc. to DIN EN 61 984	
Rated current	250 A
Rated voltage	2000 V
Rated impulse voltage	12 kV
Pollution degree	3
Insulation resistance	≥ 10^{10} Ω
Material	PC
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles

Contacts

Power contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 µm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal	
- mm²	35 - 70 mm²
Max. insulation diameter	18 mm
Crimp dies	acc. to DIN 46 235
Pressing force requirement	130 kN

PE contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 µm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal	
- mm²	35 mm²
Crimp dies	acc. to DIN 46 235
Pressing force requirement	130 kN

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