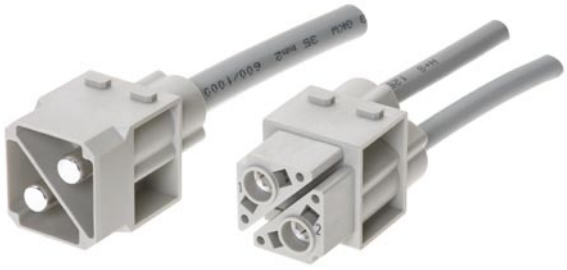
Han® 100 A module

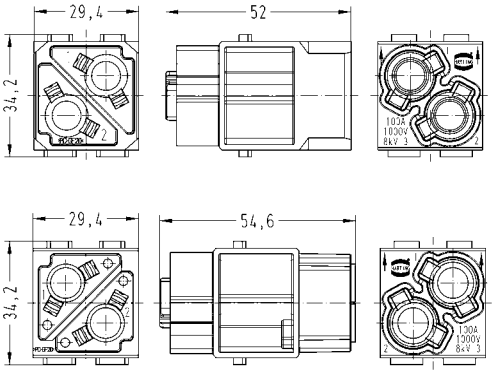
1000 V 100 A

Number of contacts

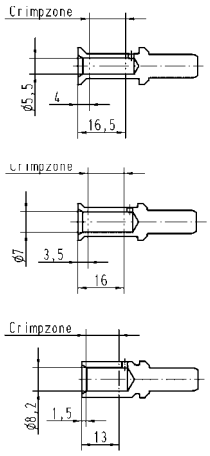
2



Identification	Part-Number Male insert (M)	Part-Number Female insert (F)	Drawings	Dimensions in mm
Han® 100 A module Crimp terminal	09 14 002 3051	09 14 002 3151	M F	



Identification	Wire gauge mm²	Part-Number Male contacts (M)	Part-Number Female contacts (F)	Drawings	Dimensions in mm
	16	09 11 000 6116	09 11 000 6216		
	25	09 11 000 6125	09 11 000 6225		
	35	09 11 000 6135	09 11 000 6235		



Wire gauge	ø	Stripping length
16 mm² 25 mm² 35 mm²	5.5 mm 7.0 mm 8.2 mm	19.0 mm 19.0 mm 16.0 mm
* for stranded wire acc. to IEC 60228 class 5		

Removal tool

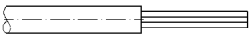
09 99 000 0390	09 99 000 0390	

Han® 100 A module

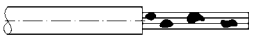
Features

- Crimp termination
- Remove of the contacts from the mating side
- Connect PE contact with special cable shoe
- Plug compatible with Han® 100 A module axial screw termination

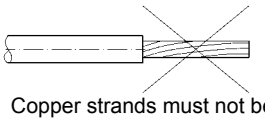
Assembly Details



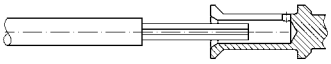
Cut the cable head square and strip the insulation



The copper strands must be clean from dirt and oxid film



Copper strands must not be drilled



Insert the cable strand completely into the crimp ferrule.
Insertion check via inspection hole

Technical characteristics

Specifications

DIN EN 61 984
DIN VDE 0110

Inserts

Number of contacts	2
Electrical data acc. to DIN EN 61 984	
Rated current	100 A
Rated voltage conductor - ground	1000 V
Rated voltage conductor - conductor	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Insulation resistance	≥ 10^{10} Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles
Max. insulation diameter	14 mm

Contacts

Power contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 µm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal	
- mm²	16 - 35 mm²

HARTING Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | D-32339 Espelkamp
Fon: +49 57 72 47-97100 | Fax: +49 57 72 47-124
Internet: www.HARTING.com | E-Mail: HARTING.Electric@HARTING.com

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