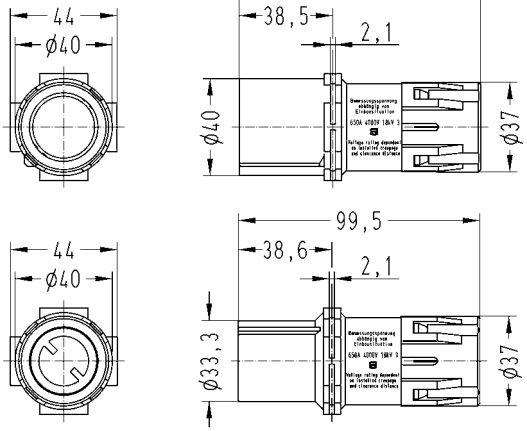
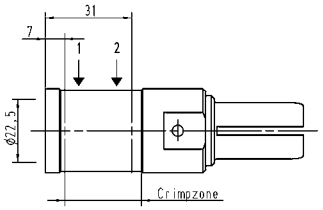
Han® HC module 650

4000 V/ 2000 V 650 A

Identification	Part-Number Male insert (M)	Female insert (F)	Drawings	Dimensions in mm
Han® HC module 650 Crimp terminal	09 11 001 3011	09 11 001 3111	M F	



Identification	Wire gauge mm²	Part-Number Male contacts (M)	Female contacts (F)	Drawings	Dimensions in mm
Further cable diameters on request	240	09 11 000 6167	09 11 000 6267		



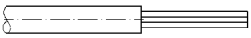
Wire gauge	ø	Stripping length
240 mm²	22.5 mm	46 mm
* for stranded wire acc. to IEC 60228 class 5		

Han® HC module 650

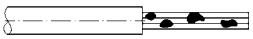
Features

- Crimp termination
- Plug compatible with Han® HC module 650 axial screw termination
- Designed for thick cable insulations

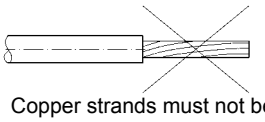
Assembly Details



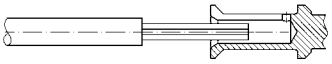
Cut the cable head square and strip the insulation



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

Electrical data acc. to DIN EN 61 984

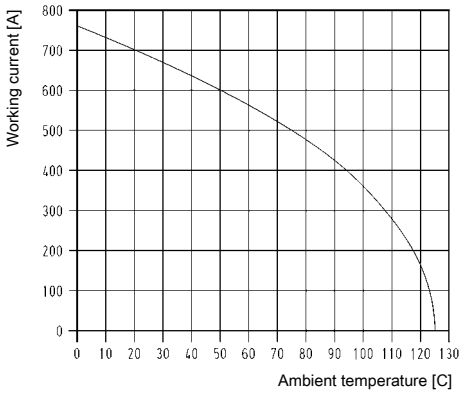
Rated current	650 A
Rated voltage	2000 V
Rated voltage	4000 V with adapter
Rated impulse voltage	12 kV / 18 kV
Pollution degree	3
Insulation resistance	≥ 10^{10} Ω
Material	Polyamide
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles

Contacts

Power contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 µm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal	
- mm²	240 mm²
Max. insulation diameter	32 mm

Current carrying capacity

Measuring and testing techniques acc. to DIN EN 60 512-5



240 mm², 2 poles with 24 HPR housing

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