

H2MK-002 Axial module

1000V 100A

Inserts



Combination with hinged frame and other modules possible.

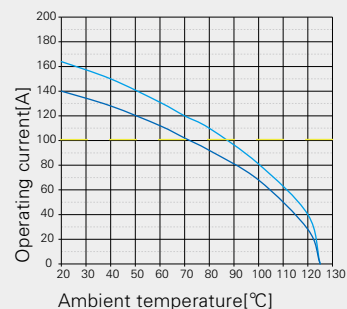
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
- Rated current	100A
- Rated voltage	1000V
- Rated impulse voltage	8kV
- Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	$\geq 10^{10}\Omega$
Material	polycarbonate
Limiting temperatures	-40°C ... +125°C
Flammability acc. to UL 94	V0
Mechanical working life	
- mating cycles	≥ 500
Contacts	
Material	copper alloy
Surface	hard-silver plated
Contact resistance	0.3m Ω
For stranded wire according to IEC 60 228 Class 5	
Screw terminal	10-35mm ²
- Wire gauge	6-2
- AWG	SW 4
- Hexagonal driver	13mm
- Stripping length	
- Tightening torque	10 16 25 35
- mm ²	6 6 7 8
- Nm	

Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

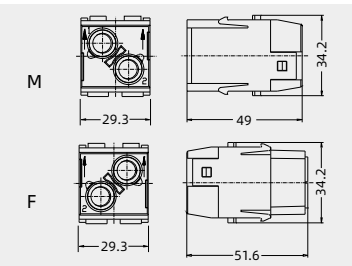
Control and test procedures according to DIN EN 60512-5



— 24 B hoods/housings with 3 modules, wire gauge: 35mm²
— 24 B hoods/housings with 3 modules, wire gauge: 25mm²

Axial screw terminal¹⁾

Insert	Wire gauge	Designation	Order No.
Male	10-25mm ²	H2MK-002.1-M (10-25mm ²)	129 002 011 0101
	16-35mm ²	H2MK-002.2-M (16-35mm ²)	129 002 011 0102
Female	10-25mm ²	H2MK-002.1-F (10-25mm ²)	129 002 021 0101
	16-35mm ²	H2MK-002.2-F (16-35mm ²)	129 002 021 0102

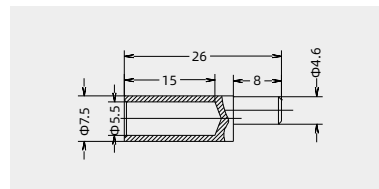


Accessories

Cable shoe 16mm²

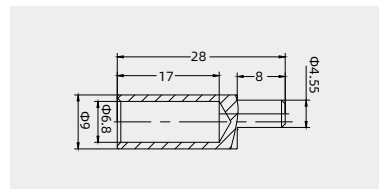
Description	Designation	Order No.
for PE extension	PE-E16 ²⁾	198 002 006 0014

2) Use of PE pin is shown in P10-08.

Cable shoe 25mm²

Description	Designation	Order No.
for PE extension	PE-E25 ²⁾	198 002 006 0020

2) Use of PE pin is shown in P10-08.
Suitable for metal frame: HFXB-NUA2/HFXB-NLA2

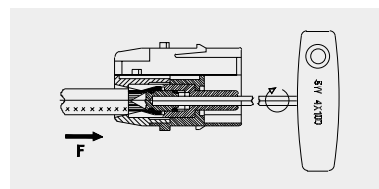


Tool

hexagonal driver



Description	Designation	Order No.
for axial setscrew with grip	SW-4*150	198 001 003 0001



1) See P00-12~00-13 for the structural characteristics and description of Axial screw terminal.