

H2MK-001 Axial module

1000V 200A

Inserts



Combination with hinged frame and other modules possible.

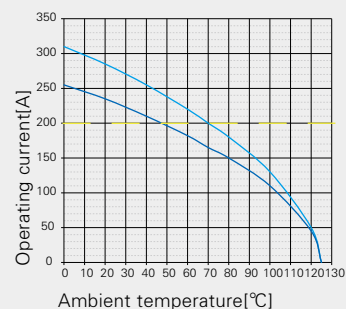
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	CE ENEC
Inserts	
Number of contacts	1
Electrical data acc. to EN 61 984	
- Rated current	200A
- 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	≥ 500
- mating cycles	
Contacts	
Material	copper alloy
Surface	hard-silver plated
Contact resistance	0.2m Ω
For stranded wire according to IEC 60 228 Class 5	
Screw terminal	
- Wire gauge	25-70mm ²
- AWG	2-0
- Hexagonal driver	SW 5
- Stripping length	16mm
- Tightening torque	
- mm ²	25 35 50 70
- Nm	8 8 9 10

Current carrying capacity

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

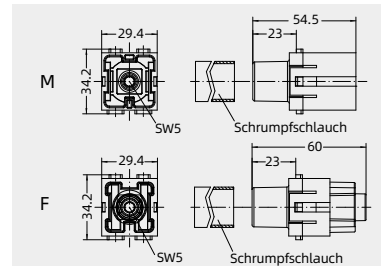
Control and test procedures according to DIN EN 60512-5



— 24 B hoods/housings with 3 modules, wire gauge: 70mm²
 — 24 B hoods/housings with 3 modules, wire gauge: 50mm²

Axial screw terminal¹⁾

Insert	Wire gauge	Designation	Order No.
Male	25-40mm ²	H2MK-001.1-M (25-40mm ²)	129 001 011 0101
	40-70mm ²	H2MK-001.2-M (40-70mm ²)	129 001 011 0102
Female	25-40mm ²	H2MK-001.1-F (25-40mm ²)	129 001 021 0101
	40-70mm ²	H2MK-001.2-F (40-70mm ²)	129 001 021 0102



Accessories

Tool

hexagonal driver



Description	Designation	Order No.
for axial setscrew with grip	SW-5*150	198 001 003 0007

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