

HMK-003 Axial module

690V 40A

Inserts



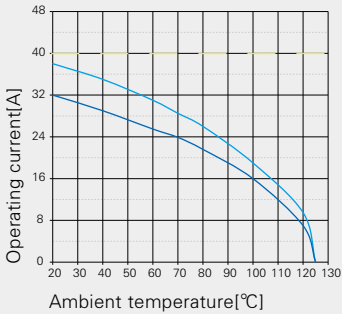
Combination with hinged frame and other modules possible.

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Inserts	
Number of contacts	3
Electrical dataacc. to EN 61 984	
-Rated current	40A
-Rated voltage	690V
-Rated impulse voltage	8kV
-Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	≥ 10 ¹⁰ Ω
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	1mΩ
Screw terminal	
- Wire gauge	2.5-10mm ²
-AWG	14-8
-Hexagonal driver	SW 2
- Stripping length	
-mm ²	2.5 4 6 10
-mm ²	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
-Tightening torque	
-mm ²	2.5 4 6 10
-Nm	1.5 1.5 2 2

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 6 modules,
wire gauge: 6mm²
— 24 B hoods/housings with 6 modules,
wire gauge: 4mm²

Axial screw terminal¹⁾



Insert	Wire gauge	Designation	Order No.
Male	2.5-8mm ²	HMK-003.1-M (2.5-8mm ²)	129 003 011 0001
	6-10mm ²	HMK-003.2-M (6-10mm ²)	129 003 011 0002
Female	2.5-8mm ²	HMK-003.1-F (2.5-8mm ²)	129 003 021 0001
	6-10mm ²	HMK-003.2-F (6-10mm ²)	129 003 021 0002

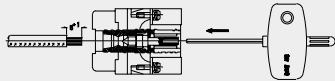
Accessories

Tool

hexagonal driver



Description	Designation	Order No.
for axial setscrew with grip	SW-2*100	198 001 003 0002



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