

HMK70-002 Axial module

1000V 70A

Inserts



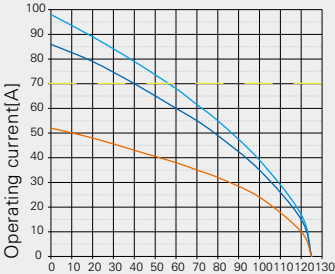
Combination with hinged frame and other modules possible.

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals	VDE CE ENEC		
Inserts	Contacts		
Number of contacts	2	Material	copper alloy
Electrical dataacc. to EN 61 984		Surface	hard-silver plated
-Rated current	70A	Contact resistance	0.5mΩ
-Rated voltage	1000V	For stranded wire according to IEC 60 228 Class 5	
-Rated impulse voltage	8kV	Screw terminal	
-Pollution degree	3	-mm ²	6-22mm ²
Rated voltage acc. to UL	600V	-AWG	8-4
Insulation resistance	≥ 10 ¹⁰ Ω	-Hexagonal driver	SW 2.5
Material	polycarbonate	-Stripping length	
Limiting temperatures	-40°C ...+125°C	-mm ²	6 10 16 22
Flammability acc. to UL 94	V0	-mm ²	11 ⁺¹ 11 ⁺¹ 11 ⁺¹ 12.5 ⁺¹
Mechanical working life		-Tightening torque	
- mating cycles	≥ 500	-mm ²	6 10 16 22
		-Nm	2 3 4 5

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



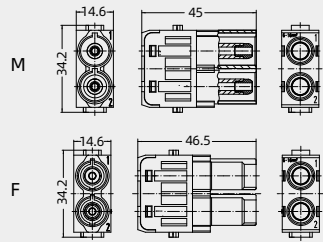
Ambient temperature[°C]

- 24 B hoods/housings with 6 modules, wire gauge: 22mm²
- 24 B hoods/housings with 6 modules, wire gauge: 16mm²
- 24 B hoods/housings with 6 modules, wire gauge: 6mm²

Axial screw terminal¹⁾



Insert	Wire gauge	Designation	Order No.
Male	6-16mm ²	HMK70-002.1-M (6-16mm ²)	129 002 011 0201
	14-22mm ²	HMK70-002.2-M (14-22mm ²)	129 002 011 0202
Female	6-16mm ²	HMK70-002.1-F (6-16mm ²)	129 002 021 0201
	14-22mm ²	HMK70-002.2-F (14-22mm ²)	129 002 021 0202



Accessories

Tool

hexagonal driver



Description	Designation	Order No.
for axial setscrew with grip	SW-2.5*100	198 001 003 0003

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