

HMK70-002 Axial module

1000V 70A

Inserts



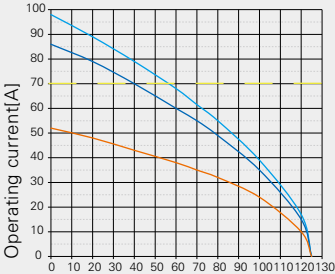
Combination with hinged frame and other modules possible.

Technical characteristics

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



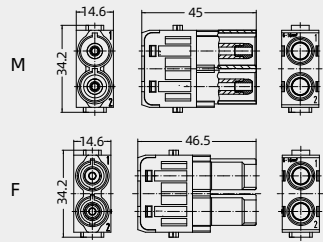
Ambient temperature[°C]

— 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.