

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	CE EN		
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 tourque	
		-mm ²	6 10 16 22
		-Nm	2 3 4 5

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

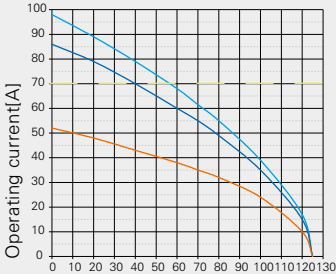
hexagonal driver



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

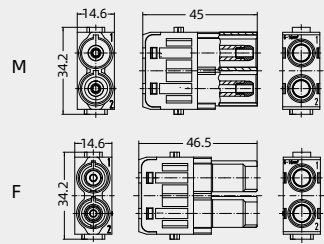
Current carrying capacity

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



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