

HMK-002 Axial module

1000V 40A

Inserts



Combination with hinged frame and other modules possible.

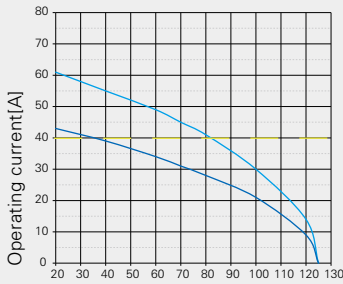
Technical characteristics

Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Inserts		Contacts	
Number of contacts	2	Material	copper alloy
Electrical data acc. to EN 61 984		Surface	hard-silver plated
- Rated current	40A	Contact resistance	1mΩ
- Rated voltage	1000V	Screw terminal	
- Rated impulse voltage	8kV	- Wire gauge	2.5-10mm ²
- Pollution degree	3	- AWG	14-8
Rated voltage acc. to UL	600V	- Hexagonal driver	SW 2
Insulation resistance	≥ 10 ¹⁰ Ω	- Stripping length	
Material	polycarbonate	- mm ²	2.5 4 6 10
Limiting temperatures	-40°C ... +125°C	- mm ²	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
Flammability acc. to UL 94	V0	- Tightening torque	
Mechanical working life		- mm ²	2.5 4 6 10
- mating cycles	≥ 500	- 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



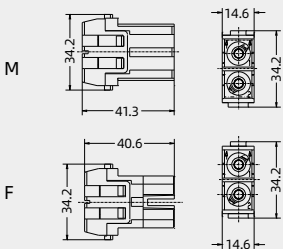
Ambient temperature[°C]

— 24 B hoods/housings with 6 modules, wire gauge: 10mm²
— 24 B hoods/housings with 6 modules, wire gauge: 6mm²

Axial screw terminal¹⁾



Insert	Wire gauge	Designation	Order No.
Male	2.5-8mm ²	HMK-002.1-M (2.5-8mm ²)	129 002 011 0003
	6-10mm ²	HMK-002.2-M (6-10mm ²)	129 002 011 0004
Female	2.5-8mm ²	HMK-002.1-F (2.5-8mm ²)	129 002 021 0003
	6-10mm ²	HMK-002.2-F (6-10mm ²)	129 002 021 0004



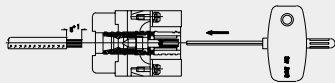
Accessories

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.