

HMK-002 Crimp module

1000V 40A

Inserts



Combination with hinged frame and other modules possible.

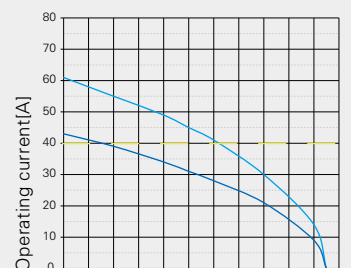
Technical characteristics

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	$\leq 1\text{m}\Omega$
-Rated voltage	1000V	Crimp terminal	
-Rated impulse voltage	8kV	-mm ²	1.5-10mm ²
-Pollution degree	3	-AWG	16-8
Insulation resistance	$\geq 10^{10}\Omega$		
Material	polycarbonate		
Limiting temperatures	-40°C ... +125°C		
Flammability acc. to UL 94	V0		
Mechanical working life			
- mating cycles	≥ 500		

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



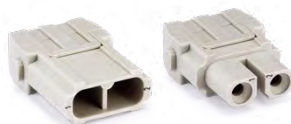
Ambient temperature[°C]

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

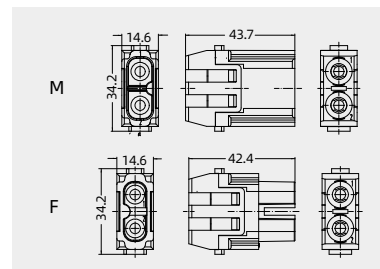
— 24 B hoods/housings with 6 modules,
wire gauge: 6mm²

Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HMK-002-MC	129 002 010 0001
Female	HMK-002-FC	129 002 020 0001



Crimp contacts

Crimp contacts 40A

Contact resistance $\leq 1\text{m}\Omega$
silver plated

Male	Order No.	Female	Order No.
CCSM-1.5	101 023 110 0901	CCSF-1.5	101 023 120 0901
CCSM-2.5	101 023 110 1001	CCSF-2.5	101 023 120 1001
CCSM-4.0	101 023 110 1201	CCSF-4.0	101 023 120 1201
CCSM-6.0	101 023 110 1301	CCSF-6.0	101 023 120 1301
CCSM-10.0	101 023 110 1401	CCSF-10.0	101 023 120 1401

M		F	
Wire gauge	Φ	Stripping length	
1.5 mm ²	AWG 16	1.75	9.6 mm
2.5 mm ²	AWG 14	2.25	9.6 mm
4 mm ²	AWG 12	2.85	9.6 mm
6 mm ²	AWG 10	3.5	9.6 mm
10 mm ²	AWG 8	4.3	12 mm
Stripping length A = 15 mm for cables $\geq 5\text{ mm}$			
Stripping length A = 18 mm for cables $\geq 6.4\text{ mm}$			

Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
1.5-6mm ²	TL02-0G	198 001 001 0012
4/6/10mm ²	TL02-3G	198 001 001 0013
Application	Designation	Order No.
for crimp contacts 40A	TL06G	198 001 000 0009

Notes: The tools for crimp terminal may influence the product quality and stability.
Please select the tools recognized by our company.