

HMK-003 Crimp module

690V 40A

Inserts

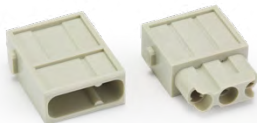


Combination with hinged frame and other modules possible.

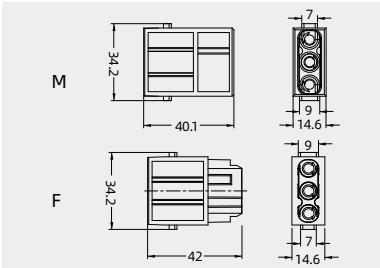
Technical characteristics

Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Inserts		Contacts	
Number of contacts	3	Material	copper alloy
Electrical dataacc. to EN 61 984		Surface	hard-silver plated
Cable diameter up to 7.5 mm		Contact resistance	≤ 1mΩ
-Rated current	40A	Crimp terminal	
-Rated voltage	690V	-mm ²	1.5-6mm ²
-Rated impulse voltage	8kV	-AWG	16-10
-Pollution degree	3		
Rated voltage acc. to UL	600V		
Rated current acc. to UL	40A		
Insulation resistance	≥ 10 ¹⁰ Ω		
Material	polycarbonate		
Limiting temperatures	-40°C ...+125°C		
Flammability acc. to UL 94	V0		
Mechanical working life			
- mating cycles	≥ 500		

Crimp terminal
Order crimp contacts separately



Insert	Designation	Order No.
Male	HMK-003-MC-V2	129 003 010 0504
Female	HMK-003-FC-V2	129 003 020 0504



Crimp contacts

Crimp contacts 40A

Contact resistance ≤ 1 mΩ
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
2.5mm 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 ≥ 5 mm			
Stripping length A = 18 mm for cables ≥ 6.4 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.