

HMK-003 Crimp module

690V 40A

Inserts

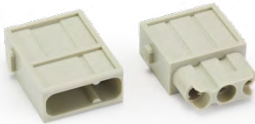


Combination with hinged frame and other modules possible.

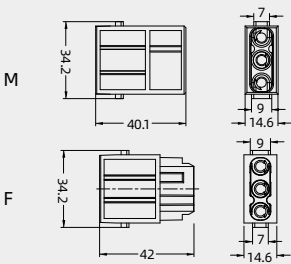
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Inserts			
Number of contacts	3	Contacts	
Electrical data acc. to EN 61 984		Material	copper alloy
Cable diameter up to 7.5 mm		Surface	hard-silver plated
- Rated current	40A	Contact resistance	≤ 1mΩ
- Rated voltage	690V	Crimp terminal	
- Rated impulse voltage	8kV	- mm ²	1.5-6mm ²
- Pollution degree	3	- AWG	16-10
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
2.5 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 ≥ 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.