

HMK-001 Crimp module

830V 100A

Inserts



Combination with hinged frame and other modules possible.
Cannot match the metal hood with side entry: EMC.H1M.WU-SE-M20.

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Inserts	
Number of contacts	1
Electrical data acc. to EN 61 984	
- Rated current	100A
- Rated voltage	830V
- Rated impulse voltage	8kV
- Pollution degree	3
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
Max. insulation diameter	13mm
Contacts	
Material	copper alloy
Surface	hard-silver plated
Contact resistance	$\leq 0.3\text{m}\Omega$
Crimp terminal	
- mm ²	10-35mm ²

Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HMK-001-MC	129 001 010 0001
Female	HMK-001-FC	129 001 020 0001

Crimp contacts

Crimp contacts 100A

Contact resistance $\leq 0.3\text{ m}\Omega$
silver plated

Male	Order No.	Female	Order No.
CKSM-10	101 026 110 1401	CKSF-10G	101 026 120 1403
CKSM-16	101 026 110 1501	CKSF-16G	101 026 120 1503
CKSM-25	101 026 110 1601	CKSF-25G	101 026 120 1603
CKSM-35	101 026 110 1701	CKSF-35G	101 026 120 1703

Tools

Manual hydraulic clamp

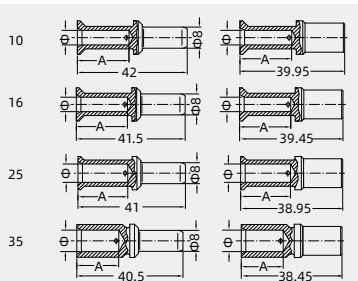
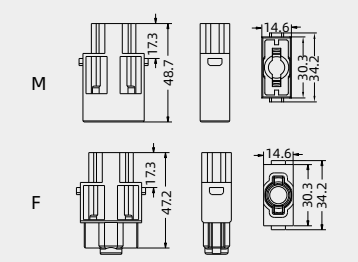


Contact removal tool



Wire gauge	Designation	Order No.
10-240mm ²	TL05	198 001 001 0005
Application	Designation	Order No.
for crimp contacts 100A	TL11	198 001 000 0018

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



Wire gauge	Φ	Stripping length(A)
10 mm ²	4.3	19 mm
16 mm ²	5.5	19 mm
25 mm ²	7	19 mm
35 mm ²	8.2	16 mm

for stranded wire acc. to IEC 60 228 Class 5