

H2MK-002 Crimp module

1000V 100A

Inserts



Combination with hinged frame and other modules possible.

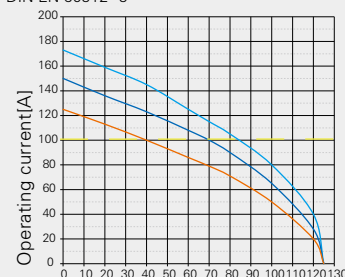
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	ENEC
Inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
- Rated current	100A
- Rated voltage	1000V
- 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
Contacts	
Material	copper alloy
Surface	hard-silver plated
Contact resistance	$\leq 0.3\text{m}\Omega$
Crimp terminal	
- mm ²	10-35mm ²
Max. insulation diameter	14mm

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]

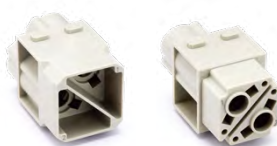
— 24 B hoods/housings with 3 modules, wire gauge: 35mm²

— 24 B hoods/housings with 3 modules, wire gauge: 25mm²

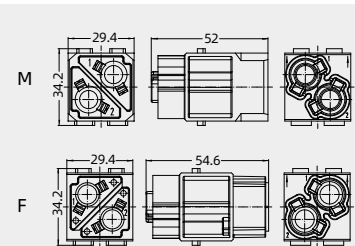
— 24 B hoods/housings with 3 modules, wire gauge: 16mm²

Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	H2MK-002-MC	129 002 010 0101
Female	H2MK-002-FC	129 002 020 0101



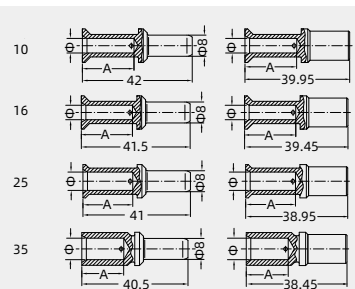
Crimp contacts

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

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

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