

H2MDD-042 Crimp module

150V 10A

Inserts



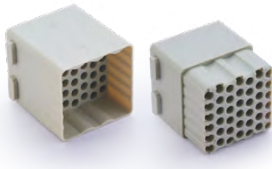
Combination with hinged frame and other modules possible.

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Inserts	
Number of contacts	42
Electrical data acc. to EN 61 984	
-Rated current	10A
-Rated voltage	150V
-Rated impulse voltage	2.5kV
-Pollution degree	3
Rated voltage acc. to UL	250V
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
	hard-gold plated
Contact resistance	$\leq 3m\Omega$
Crimp terminal	
-mm ²	0.14-2.5mm ²
-AWG	26-14

Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	H2MDD-042-MC	129 042 010 0001
Female	H2MDD-042-FC	129 042 020 0001

Crimp contacts

Crimp contacts 10A

Contact resistance $\leq 3m\Omega$
silver plated

gold plated



Male	Order No.	Female	Order No.
CDSM-0.25	101 017 110 0101	CDSF-0.25	101 017 120 0101
CDSM-0.37	101 017 110 0301	CDSF-0.37	101 017 120 0301
CDSM-0.50	101 017 110 0401	CDSF-0.50	101 017 120 0401
CDSM-0.75	101 017 110 0601	CDSF-0.75	101 017 120 0601
CDSM-1.0	101 017 110 0801	CDSF-1.0	101 017 120 0801
CDSM-1.5	101 017 110 0901	CDSF-1.5	101 017 120 0901
CDSM-2.5	101 017 110 1001	CDSF-2.5	101 017 120 1001
CDGM-0.25	101 017 210 0101	CDGF-0.25	101 017 220 0101
CDGM-0.37	101 017 210 0301	CDGF-0.37	101 017 220 0301
CDGM-0.50	101 017 210 0401	CDGF-0.50	101 017 220 0401
CDGM-0.75	101 017 210 0601	CDGF-0.75	101 017 220 0601
CDGM-1.0	101 017 210 0801	CDGF-1.0	101 017 220 0801
CDGM-1.5	101 017 210 0901	CDGF-1.5	101 017 220 0901
CDGM-2.5	101 017 210 1001	CDGF-2.5	101 017 220 1001

More crimp contacts 10A
see P13-02, P13-02.

Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm ²	TL02G	198 001 001 0011

For the crimping contacts and removing contacts
instructions, please find the page 06-23~06-24.

Application	Designation	Order No.
for crimp contacts 10A	TL00	198 001 000 0001

More tools detail please find the page 32-03~32-06.

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