

HMDS-025 High Density module

50V 4A

Inserts



Combination with hinged frame and other modules possible.

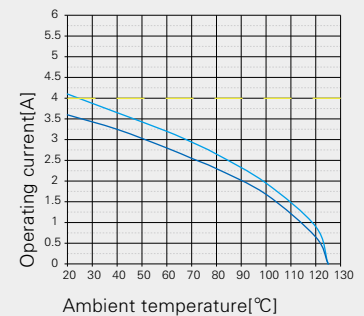
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Inserts		Contacts	
Number of contacts	25	Material	copper alloy
Electrical data acc. to EN 61 984		Surface	hard-silver plated
-Rated current	4A		hard-gold plated
-Rated voltage	50V	Contact resistance	≤ 3mΩ
-Rated impulse voltage	0.8kV	Crimp terminal	
-Pollution degree	3	-mm ²	0.09-0.52mm ²
Insulation resistance	≥ 10 ¹⁰ Ω	-AWG	28-20
Material	polycarbonate		
Limiting temperatures	-40°C ... +125°C		
Flammability acc. to UL 94	V0		
Mechanical working life			
- mating cycles	≥ 500		

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

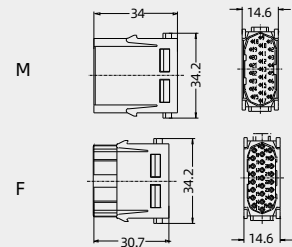


Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HMDS-025-MC	129 025 010 0001
Female	HMDS-025-FC	129 025 020 0001



Crimp contacts

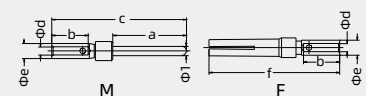
Crimp contacts 5A

Contact resistance ≤ 3mΩ
silver plated

gold plated



Male	Order No.	Female	Order No.
CSSM-0.25	101 014 110 0101	CSSF-0.25	101 014 120 0101
CSSM-0.33	101 014 110 0201	CSSF-0.33	101 014 120 0201
CSSM-0.52	101 014 110 0501	CSSF-0.52	101 014 120 0501
CSGM-0.25	101 014 210 0101	CSGF-0.25	101 014 220 0101
CSGM-0.33	101 014 210 0201	CSGF-0.33	101 014 220 0201
CSGM-0.52	101 014 210 0501	CSGF-0.52	101 014 220 0501



a	b	c	d	e	f
8.10	4.0	14.8	0.64	1.66	14.4
8.10	4.0	14.8	0.90	1.66	14.4
8.10	4.0	14.8	1.12	1.66	14.4

Wire gauge	Stripping length
0.09-0.25 mm ² AWG 28-24	5 mm
0.13-0.33 mm ² AWG 26-22	5 mm
0.33-0.52 mm ² AWG 22-20	5 mm