

RX 08 D5 / RX 08 D5G

HNM (High Number of Mating cycles)

size 1 module

10 A 50 V

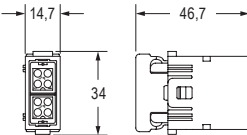
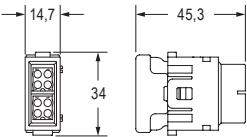
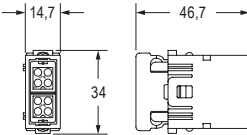
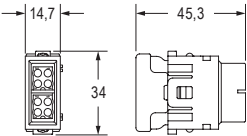
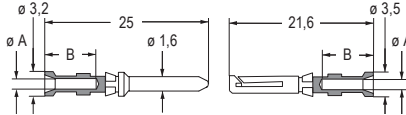
8 poles + shield connection

Crimp connection

EN 61984 rating	10 A 50 V 0,8 kV 3
Rated voltage (UL / CSA)	50 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +85 °C
Mechanical life (cycles)	≥ 10 000



ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension																																			
 	Male inserts, single cable entry Male inserts, double cable entry (contacts to be ordered separately) Shield electrically separated from PE circuit MIXO frame	RX 08 D5M RX 08 D5M2																																				
 	Female inserts, single cable entry Female inserts, double cable entry (contacts to be ordered separately) Shield electrically separated from PE circuit MIXO frame	RX 08 D5F RX 08 D5F2																																				
 	Male inserts, single cable entry Male inserts, double cable entry (contacts to be ordered separately) Shield electrically in contact with PE circuit MIXO frame by dual stainless steel springs on the insert	RX 08 D5GM RX 08 D5GM2																																				
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	10 A HNM crimp contacts section (mm ²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14	<table><tr><th>Male</th><th>Female</th></tr><tr><td>RDM2D 0.3</td><td>RDF2D 0.3</td></tr><tr><td>RDM2D 0.5</td><td>RDF2D 0.5</td></tr><tr><td>RDM2D 0.7</td><td>RDF2D 0.7</td></tr><tr><td>RDM2D 1.0</td><td>RDF2D 1.0</td></tr><tr><td>RDM2D 1.5</td><td>RDF2D 1.5</td></tr><tr><td>RDM2D 2.5</td><td>RDF2D 2.5</td></tr></table>	Male	Female	RDM2D 0.3	RDF2D 0.3	RDM2D 0.5	RDF2D 0.5	RDM2D 0.7	RDF2D 0.7	RDM2D 1.0	RDF2D 1.0	RDM2D 1.5	RDF2D 1.5	RDM2D 2.5	RDF2D 2.5	 Wiring information, RD contacts <table><tr><th>conductor section (mm²)</th><th>conductor slot ø A (mm)</th><th>stripping length B (mm)</th></tr><tr><td>0,14-0,37</td><td>0,9</td><td>8</td></tr><tr><td>0,5</td><td>1,1</td><td>8</td></tr><tr><td>0,75</td><td>1,3</td><td>8</td></tr><tr><td>1,0</td><td>1,45</td><td>8</td></tr><tr><td>1,5</td><td>1,8</td><td>8</td></tr><tr><td>2,5</td><td>2,2</td><td>6</td></tr></table>	conductor section (mm ²)	conductor slot ø A (mm)	stripping length B (mm)	0,14-0,37	0,9	8	0,5	1,1	8	0,75	1,3	8	1,0	1,45	8	1,5	1,8	8	2,5	2,2	6
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Wire diameter: up to 3,8 mm. It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)																																						

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, gold ● plated (HNM version)

Accessories

Pages

MIXO Frames

Metal frames for HNM modular units	H.62
Thermoplastic docking frames	H.65-68



CX..CA
Cable clamps
Page H.56



CX..CF
Crimp flanges (1)
Page G.28



CX..S
Crimp sleeves (1)
Page G.29

(1) Upon request we can supply crimp flanges (code **CX..CF**) and crimp sleeves (code **CX..S**) of different diameters that must be chosen according to the specific cable shield and insulation diameter. Please contact ILME Commercial Offices.

Megabit Ethernet Cat 5, Class D up to 100 Mhz and up to 100 Mbit/s.

It is recommended the use of **CRF CX / CRM CX** coding pins together with relevant MIXO frames.