

RDD 24 HNM (High Number of Mating cycles)

10 A 250 V

size **44.27**

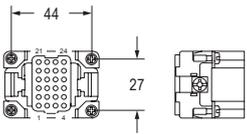
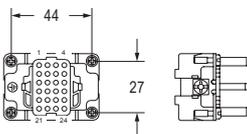
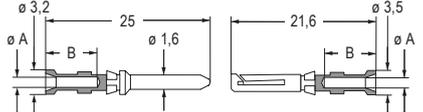
24 poles + ⊕

Crimp connection

EN 61984 rating	10 A 250 V 4 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 10 000



CAI® US ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension																												
	Male inserts for male contacts Without contacts (to be ordered separately)	RDDM 24																													
	Female inserts for female contacts Without contacts (to be ordered separately)	RDDF 24																													
	10 A HNM crimp contacts <table border="1"> <thead> <tr> <th>section (mm²)</th> <th>section (AWG)</th> </tr> </thead> <tbody> <tr><td>0,14-0,37</td><td>26-22</td></tr> <tr><td>0,5</td><td>20</td></tr> <tr><td>0,75</td><td>18</td></tr> <tr><td>1</td><td>18</td></tr> <tr><td>1,5</td><td>16</td></tr> <tr><td>2,5</td><td>14</td></tr> </tbody> </table>	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 border="1"> <thead> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <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> </tbody> </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	
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Wiring information, RD contacts

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

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)

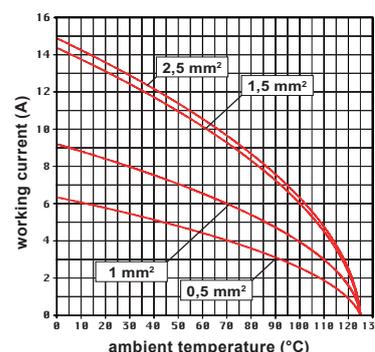
Materials

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



CR CP
Coding pins
Page G.3

Enclosures size 44.27	Pages
Specialized Applications	
HNM High Number of Mating cycles	H.74-75



RDD 24 inserts max. current load derating diagram

For applications requiring higher voltages, please see the special voltage application section on page B.83