DATASHEET - M22-RJ45-SA



Bulkhead interface, RJ45 socket, 8/8, cat. 5e, Bezel: titanium

Part no. M22-RJ45-SA
107413

EL Number (Norway) 4355601

General specifications

Product name	Eaton Moeller® series M22 Accessory Bulkhead interface
Part no.	M22-RJ45-SA
EAN	4015081071517
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.014 kilogram
Compliances	CE Marked
Certifications	IEC/EN 6113-2 CSA Class No.: none UL report applies to both US and Canada CE CSA-C22.2 No. 142 UL UL Category Control No.: DUXR, DUXR7 UL File No.: E330994 Certified by UL for use in Canada UL 508 IEC 6113-2 CSA Std. C22.2 No. 142
Product Tradename	M22
Product Type	Accessory
Product Sub Type	Bulkhead interface
Catalog Notes	RJ45 socket, 8/8, cat. 5e

Features & Functions

Bezel color	Titanium
Design	RJ45
Material	Titanium front ring
Number of poles	Eight-pole

General information

Accessory/spare part type	Accessory
Degree of protection	NEMA 12 (with closed cover) IP20 (with plug connected) IP65 (with closed cover)
Lifespan, mechanical	750 insertion cycles
Limit value class	5
Mounting depth	70 mm
Opening diameter	22.5 mm

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Ambient storage temperature - min	-25 °C
Ambient storage temperature - max	80 °C

Electrical rating

Insulation resistance	≥ 100 MΩ
Nominal current	1500 A
Nominal voltage - max	50 V
Rated operational voltage	24 V AC
Resistance	< 30 mΩ (volume resistance)

Communication

Connection to SmartWire-DT	No

Contacts	
Contact material	CuSn, gold-plated
Contact type	1:1
Force for positive opening - min	0 N
Design verification	
Heat dissipation capacity Pdiss	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Please enquire
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for command devices (EC002024)	
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device (accessories) (ecl@ss13-27-37-12-92 [ACO037015])	
Type of electrical accessory/spare part	Other
Type of mechanical accessory/spare part	Other
Accessory	Yes
Spare part	No

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