

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



Part no.	<b>M22-RJ45-SA</b>
Catalog No.	<b>107413</b>
Alternate Catalog No.	<b>M22-RJ45-SAQ</b>
EL-Nummer	<b>4355601</b>
(Norway)	

## Delivery program

Accessories	General accessories
Basic function accessories	Bulkhead interface, RJ45 socket
Degree of Protection	RJ45 socket, 8/8, cat. 5e
Front ring	IP65 (with closed cover) IP20 (with plug connected)
Connection to SmartWire-DT	Bezel: titanium
For use with	no
	Front mounting

## Technical data

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Nominal voltage	U <sub>L</sub>	AC 24 V
Voltage range		AC 50 V
Rated current	mA	1500
Number of poles		8 pole
Class / category		5
Contact type art		1 : 1
Screen earth kit		yes

## General

Design		RJ45
Insulation resistance	R <sub>ISO</sub>	MΩ > 100
Volume resistance		< 30 mΩ
Contact material		CuSn, gold-plated
Mounting		Front panel cutout d = 22.5 mm
Mounting depth:	mm	ca. 70 (incl. Krümmung)
Ambient temperature		-25 - +70
Storage	°C	- 25 - + 80
Lifespan, mechanical	Operations	< 750 insertion cycles
Weight	kg/piece	0.02

## Design verification as per IEC/EN 61439

Technical data for design verification	P <sub>diss</sub>	W	0
Heat dissipation capacity		°C	-25
Operating ambient temperature min.		°C	70
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			Meets the product standard's requirements.
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties	
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 8.0

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 devices (accessories) (ecl@ss10.0.1-27-37-12-92 [AC0037010])

Type of electrical accessory/spare part		Other
Type of mechanical accessory/spare part		Other