



Front element, +bulkhead interface RJ45

Part no. **M22-RJ45-SA**
Article no. **107413**
Catalog No. **M22-RJ45-SAQ**

Delivery programme

Product range			RMQ-Titan (drilling dimensions 22.5 mm)
Accessories			General accessories
Basic function			Accessories
Basic function accessories			Bulkhead interface, RJ45 socket
Single unit/Complete unit			Single unit
Degree of Protection			IP65 (with closed cover) IP20 (with plug connected)
For use with			Front mounting RJ45, socket to socket 8/8, CAT5e
Front ring			Front ring: titanium
Connection to SmartWire-DT			no
Terminal diagram / contact assignment			
			SH: Schirmung

Technical data

Technical data

Nominal voltage	U_L		AC 24 V
Voltage range			AC 50 V
Rated current		mA	1500
Pole			8 pole
Class / category			5
Contact type art			1 : 1
Screen earth kit			yes

General

Design			RJ45
Insulation resistance	R_{ISO}	MΩ	$> \frac{\infty}{100}$
Volume resistance			$< 30 \text{ m}\Omega$
Contact material			CuSn, gold-plated
Mounting			Front panel cutout d = 22.5 mm
Mounting depth:		mm	ca. 70 (incl. Krümmung)
Ambient temperature		°C	-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			
Heat dissipation capacity	P_{diss}	W	0

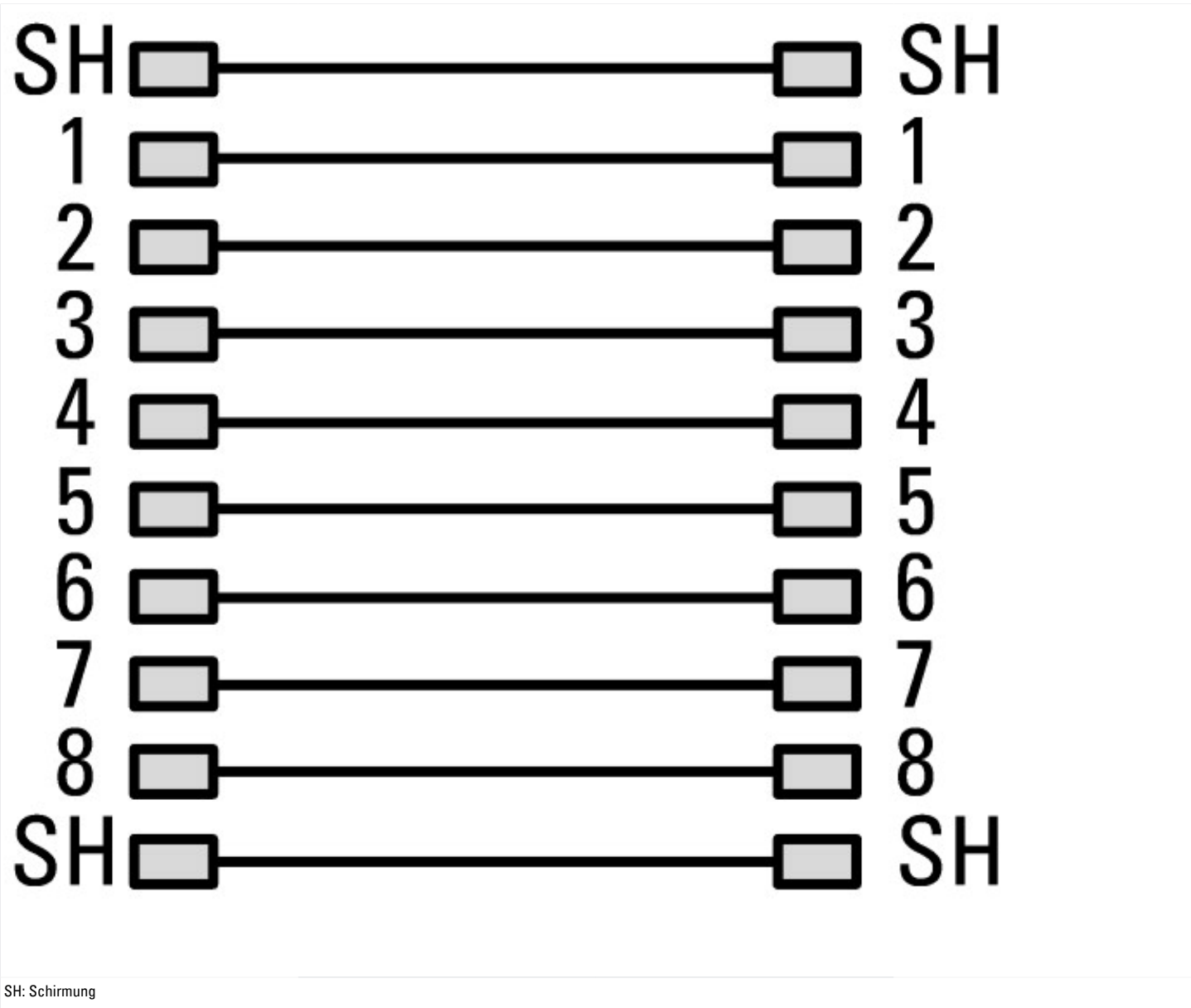
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	70
IEC/EN 61439 design verification		
10.2 Strength of materials and parts		
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product 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 6.0

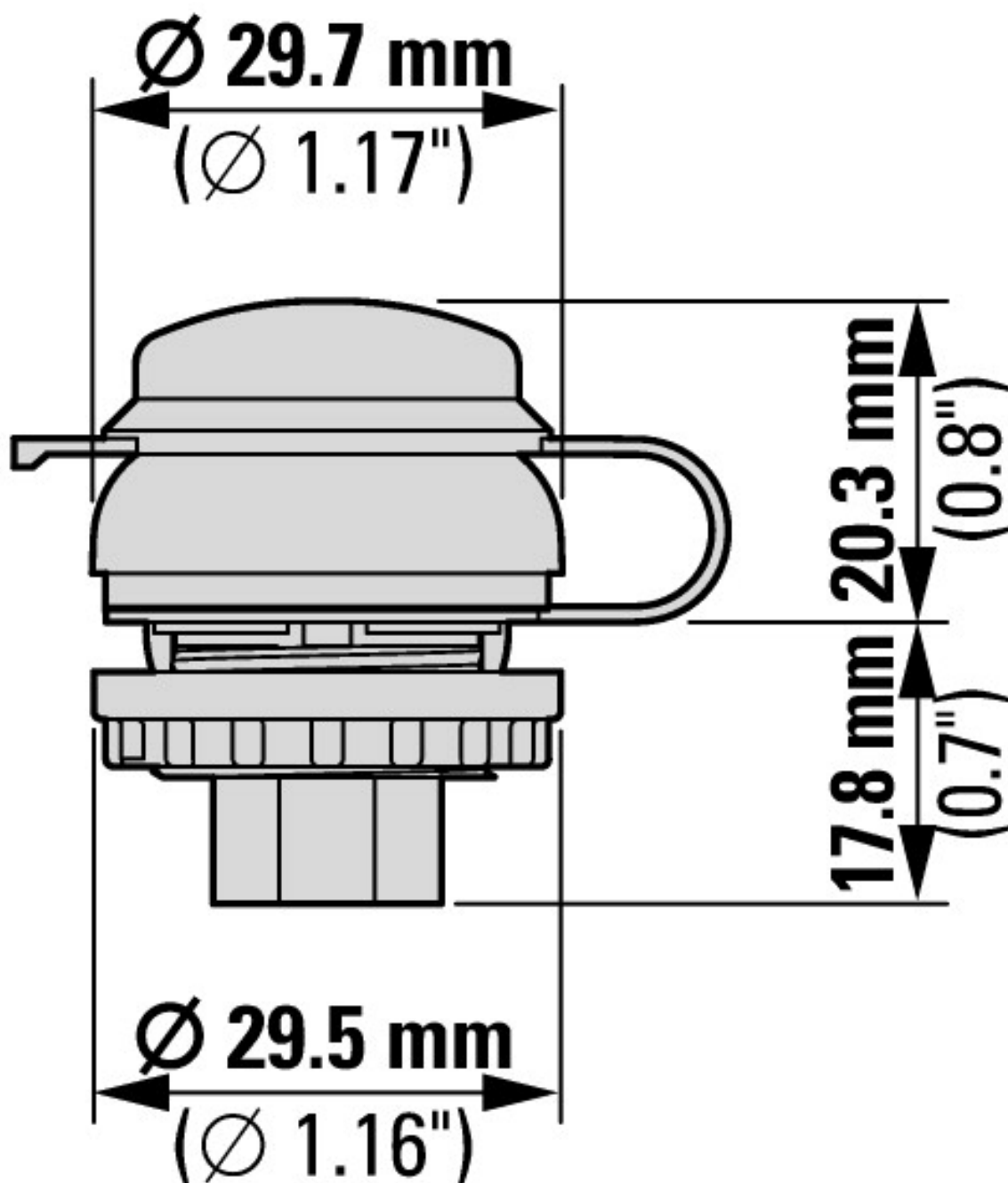
Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Control circuit devices (accessories) (ec1@ss8.1-27-37-92-16 [AC0043008])		
Type of electrical accessory		-
Type of mechanical accessory		-

Approvals

Product Standards		UL 508; CSA-C22.2 No. 142; IEC/EN 6113-2; CE marking
UL File No.		E330994
UL Category Control No.		DUXR, DUXR7
CSA File No.		UL report applies to both US and Canada
CSA Class No.		-
North America Certification		UL listed, certified by UL for use in Canada
Degree of Protection		IEC: IP65 and UL/CSA NEMA Type 12 when closed, IP20 when connected



Dimensions



Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf