




ASI-Slave safety, 2I, 1Q, screw connection

Part no. M22-ASI-S
Catalog No. 231270
Alternate Catalog No. M22-ASI-SQ

Delivery program

Product range			Accessories
Accessories			AS-Interface
Basic function accessories			Emergency switching off circuits
Approval			 Product Safety Functional Safety www.tuv.com ID 060000000
Fixing			Front fixing for RMQ-Titan
Connection to SmartWire-DT			no
			AS-Interface slave Adapter element for RMQ-Titan AS-Interface information: 1 dual-channel input, 1 output Module enclosure for snap fitting on the contact and LED elements: - Inputs for 2 contact elements: M22-K01 (break) - Output for 1 LED element: M22-LED-... Including AS-Interface connector as insulation piercing terminal

Technical data

Emergency-Stop circuits

Connection of the AS interface line			Yellow plug-in terminal as insulation piercing terminal
Power supply			Completely from the AS-Interface, cable 26.5 - 31.6 V DC
Fixing			Front fixing for RMQ-Titan
Addressing			Via AS-Interface cable
Max. total current	A		45 mA
Ambient temperature	°C		-25 - +55
Mechanical shock resistance	g		30 Shock duration 11 ms according to IEC 60068-2-27
Degree of Protection			IP20
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Mounting position			As required
Standards			EN 50178 EN 50295_x
Inputs			2-channel input (22 V/5 mA) (moduled by code sequence) (2 break contact sets RMQ-Titan M22-K01)
Outputs			1 output, typically 19 V/8 mA, short-circuit proof

Status displays

Power AS-Interface cable			Green LED on the back
Error AS-Interface, failure of AS-Interface master			Red LED on the back
Profile			S-7.B.E

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	1.5
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		Meets the product standard's requirements.
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 7.0

Low-voltage industrial components (EG000017) / Adapter for control circuit devices (EC001020)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss10.0.1-27-37-12-26 [AKF044014])		
Built-in diameter	mm	0
Number of appliances to build in		0

Approvals

Product Standards		IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		012528
CSA Class No.		3211-03
North America Certification		UL listed, CSA certified

Dimensions

