

AS-Interface module, 2I, 1Q, screw connection

Powering Business Worldwide*

Part no. M22-ASI
Article no. 231269
Catalog No. M22-ASIQ

Delivery program

Product range	RMQ-Titan (drilling dimensions 22.5 mm)
Basic function	Accessories
Accessories	AS-Interface
Basic function accessories	AS-Interface connection
Single unit/Complete unit	Single unit
Fixing	Front fixing for RMQ-Titan
	AS-Interface slave Adapter element for RMQ-Titan AS-Interface information: 2 input bits, 1 output bit Module enclosure for snap fitting on the contact and LED elements: — Inputs for 2 contact elements: M22-K01 (N/C), M22-K10 (N/O) — Output for 1 LED element: M22-LED Including AS-Interface connector as insulation piercing terminal
Front ring	Bezel: titanium
Connection to SmartWire-DT	no

Technical data

General

Sandards ELCEN 108947, DIN EN 50295 Radio interference suppression EN 55011, EN 55022 Climatic proofing PD 20 Climatic proofing Damp heat, constant, to IEC 60008-2-78 Damp heat, constant, to IEC 60088-2-78 Damp heat, cyclic, to IEC 60088-2-30 Ambient temperature Compend *C -25 - +55 Mechanical shock resistance *B 3 Shock duration 11 ms Fixing Front fixing for RMO-Titan **Total fixing for RMO-Titan Mounting position *V DC 26.5 - 31.5 Connection of the AS interface fine *V DC 26.5 - 31.5 Completely from the AS interface fine *V DC 26.5 - 31.5 Completely from the AS interface cable *** Completely from the AS-interface cable Addressing *** Was apply *** Completely from the AS-interface cable Addressing *** AS-Interface *** AS-Interface cable Max. total current *** AS-Interface power line: green LEO on element back Rated operational current when idle (no 1, 0 set) *** AS-Interface power line: green LEO on element back Inputs, protected against short-circuit *** Number *** (norma	deneral		
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Cimatic profing Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 Ambient temperature °C -2555 Open °C -2555 Mechanical shock resistance g > 30 Shock duration 11 ms Fixing This fining for RMQ-Titan Mounting position V DC 255 - 31.6 Power supply Seperification V DC 255 - 31.6 Connection of the AS-interface Specification V DC 255 - 31.6 Connection of the AS-interface line Velow plug-in terminal as insulation piercing terminal Power supply Completely from the AS-Interface cable Max. total current mA \$\frac{3}{4}\$ AS-Interface mA \$\frac{3}{4}\$ Rated operational current when idle (no 1, 0 set) mA \$\frac{3}{4}\$ Status LEDs AS-Interface power line: green LED on element back AS-Interface ERROR, failure of AS-Interface ERRO	Radio interference suppression		EN 55011, EN 55022
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Length of connecting cables Profile S-3.A.E Specification 200 S-3.A.E 2.1	Outputs, protected against short-circuit	Number	1 (normally 19 V/8 mA)
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Specification 2.1	Length of connecting cables	cm	200
	Profile		S-3.A.E
Addresses Number 62	Specification		2.1
Addresses Number 62			
	Addresses	Number	62

Design verification as per IEC/EN 61439
Technical data for design verification

reclinical data for design verification			
Rated operational current for specified heat dissipation	In	Α	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	1.3
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
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.
$10.2.3.3\mbox{Verification}$ 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 6.0

Low-voltage industrial components (EG000017) / Adapter for control circuit devices (EC001020)

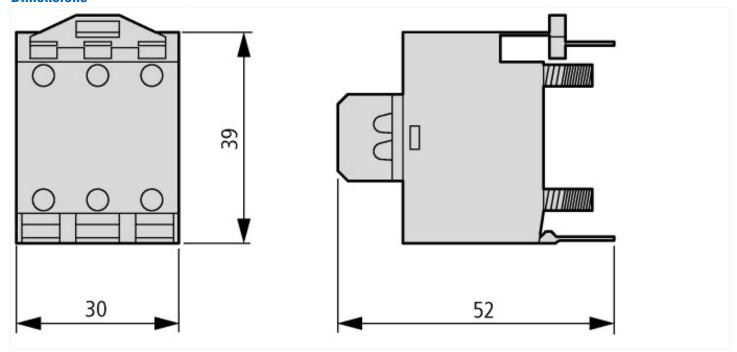
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss8.1-27-37-12-26 [AKF044011])

[AKT044011])		
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



Additional product information (links)

IL04716018Z (AWA1160-1541) AS Interface connection for RMQ

IL04716018Z (AWA1160-1541) AS Interface connection for RMQ

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716018Z2015_02.pdf