



**AS-Interface module, 2I, 1O, spring clamp connection**

**Part no.** M22-ASI-C  
**Catalog No.** 231271  
**Alternate Catalog No.** M22-ASI-CQ  
**EL-Nummer (Norway)** 4521571

**Delivery program**

Product range		Accessories
Accessories		AS-Interface
Basic function accessories		AS-Interface connection
Fixing		Base fixing for RMQ-Titan
Front ring		Adapter element for RMQ-Titan AS-Interface information: 2 input bits, 1 output bit – Inputs for 2 contacts – Output for 1 LED element: M22-LED-...
Connection to SmartWire-DT		no

**Technical data**

**General**

Standards		IEC/EN 60947, DIN EN 50 295
Radio interference suppression		EN 55011, EN 55022
Degree of Protection		IP00
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Open	°C	-25 - +55
Mechanical shock resistance	g	> 30 Shock duration 11 ms
Fixing		Base fixing for RMQ-Titan
Mounting position		As required

**Power supply**

Rated voltage to AS-Interface Specification	V DC	26.5 - 31.6
Connection of the AS interface line		2 cables on board
Power supply		Completely from the AS-Interface cable
Addressing		Via connection to AS-Interface cable
Max. total current	mA	≤ 40
AS-Interface		Protected against polarity reversal
Rated operational current when idle (no I, O set)	mA	30
Status LEDs		POWER AS-Interface cable: green LED on the board ERROR AS-Interface, AS-Interface Master failure: red LED on the board

**Inputs**

Inputs, protected against short-circuit	Number	2 (normally 22 V/5 mA)
Length of connecting cables	cm	200

**Outputs**

Outputs, protected against short-circuit	Number	1 (normally 19 V/8 mA)
Voltage range	V DC	24 V DC (+10/-15%)
Length of connecting cables	cm	200
Profile		S-3.A.E
Specification		2.1
Addresses	Number	62

**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	1.3
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 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

