

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



Part no. M22-ASI-C
231271
EL Number 4521571
(Norway)

General specifications	
Product name	Eaton Moeller® series M22 Accessory AS-Interface connection
Part no.	M22-ASI-C
EAN	4015082312718
Product Length/Depth	40 millimetre
Product height	30 millimetre
Product width	40 millimetre
Product weight	0.017 kilogram
Certifications	CSA File No.: 012528 UL 508 UL IEC/EN 60947-5 CSA CSA Class No.: 3211-03 CE DIN EN 50295 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL File No.: E29184 IEC/EN 60947 UL Category Control No.: NKCR
Product Tradename	M22
Product Type	Accessory
Product Sub Type	AS-Interface connection
Catalog Notes	Adapter element for RMQ-Titan AS-Interface information: 2 input bits, 1 output bit Power supply completely via AS interface cable
Features & Functions	
Bezel color	Titanium
General information	
Degree of protection	IP00
Input	2 Inputs (22 V/5 mA, protected against short-circuit) Inputs for 2 contacts
Output	1 (normally 19 V/8 mA) Output, protected against short-circuit Output for 1 LED element: M22-LED-...
Product category	Accessories
Protection	AS-Interface protected against polarity reversal
Protocol	AS-Interface (S-3.A.E)
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	30 g, Mechanical, Shock duration 11 ms
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Electro magnetic compatibility	
Radio interference class	EN 55011 EN 55022
Electrical rating	
No-load current	30 A
Output voltage	24 V DC (-15/+10 %)
Power consumption	40 mA
Rated operational voltage	26.5 - 31.6 V DC (AS-Interface specification)

Communication		
Addressing		Adress set via connection to AS-Interface cable
Connection to SmartWire-DT		No
Connection type		Base fixing for RMQ-Titan
Interfaces		2.1 (Output specification)
LED indicator		Status indication of POWER AS-Interface cable in the switch front: Green LED on the board Status indication of ERROR AS-Interface, AS-Interface Master failure in the switch front: Red LED on the board
Number of modules		62 (Suconet-K)
Cable		
Cable length		2 m connection cable
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		1.3 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

Low-voltage industrial components (EG000017) / Adapter for command devices (EC001020)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss13-27-37-12-26 [AKF044019])		
Built-in diameter	mm	0
Number of appliances to build in		0