

## AS-Interface module, 2I, 1O, screw connection

**Part no.** M22-ASI  
**231269**

**EL Number**  
**(Norway)** 4521570

<b>General specifications</b>	
Product name	Eaton Moeller® series M22 Accessory AS-Interface connection
Part no.	M22-ASI
EAN	4015082312695
Product Length/Depth	40 millimetre
Product height	30 millimetre
Product width	40 millimetre
Product weight	0.023 kilogram
Certifications	CE CSA-C22.2 No. 94-91 UL 508 DIN EN 50295 UL File No.: E29184 UL CSA Class No.: 3211-03 IEC/EN 60947 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 IEC/EN 60947-5 CSA File No.: 012528 CSA
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 AS-Interface slave Module enclosure for snap fitting on the contact and LED elements: Power supply completely via AS interface cable
<b>Features &amp; Functions</b>	
Bezel color	Titanium
Fitted with:	AS-Interface connector as insulation piercing terminal
<b>General information</b>	
Degree of protection	IP20
Input	2 Inputs (22 V/5 mA, protected against short-circuit) Inputs for 2 contact elements (M22-K01 (N/C), M22-K10 (N/O))
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)
<b>Ambient conditions, mechanical</b>	
Mounting position	As required
Shock resistance	30 g, Mechanical, Shock duration 11 ms
<b>Climatic environmental conditions</b>	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>Electro magnetic compatibility</b>	
Radio interference class	EN 55022 EN 55011
<b>Electrical rating</b>	
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)
<b>Communication</b>		
Addressing		Address set via connection to AS-Interface cable
Connection to SmartWire-DT		No
Connection type		Front fixing for RMQ-Titan
Interfaces		2.1 (Output specification)
LED indicator		Status indication of AS-Interface power line in the switch front: Green LED on element back Status indication of AS-Interface ERROR, failure of AS-Interface master in the switch front: Red LED on element back
Number of modules		62 (Suconet-K)
<b>Cable</b>		
Cable length		2 m connection cable
<b>Design verification</b>		
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