

**Part no.**                    **M22-ASI-S**  
**231270**

<b>General specifications</b>	
Product name	Eaton Moeller® series M22 Accessory AS-Interface connection
Part no.	M22-ASI-S
EAN	4015082312701
Product Length/Depth	40 millimetre
Product height	30 millimetre
Product width	40 millimetre
Product weight	0.023 kilogram
Certifications	CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA File No.: 012528 IEC/EN 60947-5 CSA Class No.: 3211-03 CE UL 508 EN 50178 CSA-C22.2 No. 14-05 EN 50295_x CSA UL File No.: E29184 UL
Product Tradename	M22
Product Type	Accessory
Product Sub Type	AS-Interface connection
Catalog Notes	Adapter element for RMQ-Titan AS-Interface information: AS-Interface slave Module enclosure for snap fitting on the contact and LED elements: Power supply completely via AS interface cable (26.5 - 31.6 V DC)
<b>Features &amp; Functions</b>	
Fitted with:	AS-Interface connector as insulation piercing terminal
<b>General information</b>	
Current consumption	45 mA, max. total current, Emergency-Stop circuits
Degree of protection	IP20
Input	2-channel inputs (22 V/5 mA, AS-Interface, moduled by code sequence, 2 break contact sets RMQ-Titan M22-K01) Inputs for 2 contact elements (M22-K01 (break)) 1 dual-channel input
Output	1 Output Output for 1 LED element: M22-LED-... 1 Output (19 V/8 mA), Emergency-Stop circuits, Short-circuit proof
Product category	Accessories
Protocol	AS-Interface (S-7.B.E)
<b>Ambient conditions, mechanical</b>	
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Shock duration 11 ms
<b>Climatic environmental conditions</b>	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>Communication</b>	
Addressing	Address set via connection to AS-Interface cable
Connection to SmartWire-DT	No
Connection type	Front fixing for RMQ-Titan
LED indicator	Status indication of Power AS-Interface cable: Green LED on the back

			Status indication of Error AS-Interface, failure of AS-Interface master: Red LED on the back
<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			1.5 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