

Part no. **M12A**
266135

General specifications		
Product name		Eaton Moeller® series M12 Accessory Panel plug
Part no.		M12A
EAN		4015082661359
Product Length/Depth		25 millimetre
Product height		25 millimetre
Product width		25 millimetre
Product weight		0.017 kilogram
Compliances		Contact Manufacturer
Certifications		IEC 60947-5 EN 60947-5
Product Tradename		M12
Product Type		Accessory
Product Sub Type		Panel plug
Features & Functions		
Material		Molded
Number Of Poles		Four-pole
General information		
Accessory/spare part type		Other
Degree of protection		IP66
Lifespan, mechanical		500 insertion cycles
Overvoltage category		II
Pollution degree		3
Product category		Accessories
Used with		LS
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Electrical rating		
Conventional thermal current I_{th} of auxiliary contacts (1-pole, open)		1 A
Rated operational current (I_e)		4 A
Rated operational voltage (U_e) at AC - max		250 V
Short-circuit protection rating		4 A gG/gL, Fuse, Contacts
Design verification		
Heat dissipation capacity P_{diss}		0 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

Sensors (EG000026) / Accessories/spare parts for position switches (EC002594)			
Electric engineering, automation, process control engineering / Sensor technology, safety-related sensor technology / Mechanical switch (sensor technology) / Mechanical switch (accessories) (ecI@ss13-27-27-06-92 [AFR520008])			
Type of accessory/spare part			Other
Accessory			Yes
Spare part			No