DATASHEET - M12B

Panel plug M12, B-coded, +leadthrough, M20, IP66_x, 250 V, 4A

Part no. **M12B**
266136

Product name	Eaton Moeller® series M12 Accessory Panel plug
Part no.	M12B
EAN	4015082661366
Product Length/Depth	25 millimetre
Product height	25 millimetre
Product width	25 millimetre
Product weight	0.009 kilogram
Compliances	Contact Manufacturer
Certifications	CE
Product Tradename	M12
Product Type	Accessory
Product Sub Type	Panel plug
Material	Molded
Number Of Poles	Four-pole
Accessory/spare part type	Other
Degree of protection	IP66
Lifespan, mechanical	500 insertion cycles
Overvoltage category	II
Pollution degree	3
Product category	Accessories
Type	M12, B coded
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Conventional thermal current ith of auxiliary contacts (1-pole, open)	1 A
Rated operational current (Ie)	4 A
Rated operational voltage (Ue) at AC - max	250 V
Short-circuit protection rating	4 A gG/gL, Fuse, Contacts
Heat dissipation capacity Pdiss	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 8.0

Sensors (EG000026) / Accessories/spare parts for position switches (EC002594)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Position switch (accessories) (ecl@ss10.0.1-27-27-06-92 [AFR520003])			
Type of accessory/spare part			Other
Accessory			Yes
Spare part			No

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