DATASHEET - M22-IY1-XPV60

Surface mounting enclosure, 1 mounting location, yellow cover, for illuminated ring

Part no. **M22-IY1-XPV60**
167798

General specifications	
Product name	Eaton Moeller® series M22 Accessory Surface mounting enclosure
Part no.	M22-IY1-XPV60
EAN	4015081643752
Product Length/Depth	70 millimetre
Product height	30 millimetre
Product width	80 millimetre
Product weight	0.157 kilogram
Certifications	CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA file No. 012528 UL File No.: E29184 UL Listed IEC/EN 60947-5 UL Category Control No.: NKCR CE marking CSA-C22.2 No. 94-91 UL 508 CSA certified
Product Tradename	M22
Product Type	Accessory
Product Sub Type	Surface mounting enclosure
Features & Functions	
Enclosure color	Yellow
Enclosure material	Plastic
Fitted with:	High-grade steel screws Cable entry in front for M22-XPV60… Illuminated ring
Knockouts	1 x M20 (cable entry knockout at the top) 2 x M16 (cable entry knockouts at the rear) 2 x M20/25 (cable entry knockout at the side, 1 x each side)
Number of locations	1
RAL-number	1004
General information	
Degree of protection	IP67/IP69K NEMA 4X
Opening diameter	22.5 mm
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Communication	
Connection to SmartWire-DT	No
Contacts	
Force for positive opening - min	0 N
Design verification	
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	Please enquire
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) / Enclosure for control circuit devices (EC000200)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss13-27-37-12-05 [AKF023019])			
Number of command positions			1
Construction type housing			Surface mounted housing
Housing material			Plastic
Housing material quality			Other
Diameter openings		mm	22.5
Colour housing cover			Yellow
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X
Width		mm	80
Height		mm	30
Depth		mm	70

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