

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

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

<b>General specifications</b>		
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
<b>Features &amp; Functions</b>		
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
<b>General information</b>		
Degree of protection		IP67/IP69K NEMA 4X
Opening diameter		22.5 mm
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
<b>Communication</b>		
Connection to SmartWire-DT		No
<b>Contacts</b>		
Force for positive opening - min		0 N
<b>Design verification</b>		
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