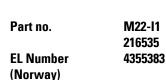
DATASHEET - M22-I1

....

60

6.0

Surface mounting enclosure, 1 mounting location





General specifications Product name Eaton Moeller® series M22 Accessory Surface mounting enclosure Part no. M22-I1 EAN 4015082165352 Product Length/Depth 74 millimetre 72 millimetre Product height 82 millimetre Product width Product weight 0.134 kilogram Certifications CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 UL Category Control No.: NKCR CSA File No.: 012528 UL 508 IEC/EN 60947-5 UL File No.: E29184 CSA CE CSA-C22.2 No. 94-91 UL Product Tradename M22 Product Type Accessory Product Sub Type Surface mounting enclosure **Features & Functions** Enclosure color Gray Plastic Enclosure material Fitted with: High-grade steel screws Knockouts 2 x M16 (cable entry knockouts at the rear) 1 x M20 (cable entry knockout at the top) 2 x M20/25 (cable entry knockout at the side, 1 x each side) Number of locations 1 RAL-number 7035 **General information** Degree of protection NEMA 12 IP67/IP69K Opening diameter 22.5 mm **Climatic environmental conditions** Ambient operating temperature - min -25 °C 70 °C Ambient operating temperature - max 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 | | Grey |
| Degree of protection (IP) | | IP67/IP69K |
| Degree of protection (NEMA) | | 12 |
| Width | mm | 82 |
| Height | mm | 72 |
| Depth | mm | 74 |
| | | |