

Surface mounting enclosure, 1 mounting location

Part no. M22-I1
216535
EL Number 4355383
(Norway)

| General specifications | | |
|--|--|---|
| Product name | | Eaton Moeller® series M22 Accessory Surface mounting enclosure |
| Part no. | | M22-I1 |
| EAN | | 4015082165352 |
| Product Length/Depth | | 74 millimetre |
| Product height | | 72 millimetre |
| Product width | | 82 millimetre |
| 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 |
| Enclosure material | | Plastic |
| 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 |
| 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. |

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| 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 |