



Surface mounting enclosure, 6 mounting locations

Part no. M22-I6
216540
EL Number 4355388
(Norway)

| General specifications | |
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| Product name | Eaton Moeller® series M22 Accessory Surface mounting enclosure |
| Part no. | M22-I6 |
| EAN | 4015082165406 |
| Product Length/Depth | 80 millimetre |
| Product height | 56 millimetre |
| Product width | 252 millimetre |
| Product weight | 0.362 kilogram |
| Compliances | CE Marked |
| Certifications | IEC 60947-5 CSA Std. C22.2 No. 14-05 EN 60947-5 CSA Std. C22.2 No. 94-91 VDE UL 508 CE UL UL File No.: E29184 CSA File No.: 012528 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR IEC/EN 60947-5 CSA-C22.2 No. 94-91 CSA |
| Product Tradename | M22 |
| Product Type | Accessory |
| Product Sub Type | Surface mounting enclosure |
| Features & Functions | |
| Color | Gray |
| Enclosure color | Gray |
| Enclosure material | Plastic |
| Fitted with: | High-grade steel screws |
| Knockouts | 2 x M20/25 (cable entry knockout at the side, 1 x each side) 2 x M20 (cable entry knockouts at the top) 2 x M20 (cable entry knockouts at the rear) |
| Number of locations | 6 |
| RAL-number | 7035 |
| General information | |
| Accessories | High-grade steel screws |
| Degree of protection | IP66 NEMA 3R |
| 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. |

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| 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

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| 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 | | | 6 |
| 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) | | | IP66 |
| Degree of protection (NEMA) | | | 3R |
| Width | mm | | 252 |
| Height | mm | | 56 |
| Depth | mm | | 80 |