DATASHEET - M22-I1



Surface mounting enclosure, 1 mounting location

Powering Business Worldwide*

Part no. M22-I1 Catalog No. 216535 Alternate Catalog M22-I10

No.

EL-Nummer 4355383

(Norway)

Delivery program

| Delivery program | | |
|----------------------------|------|---|
| Basic function accessories | | Surface mounting enclosure |
| Housing | | Insulated material |
| | | With high-grade steel screws |
| Number of locations | Qty. | 1 |
| Cable entry knockouts | | |
| Cable entry | | rear: 2 x M16 at top: 1 x M20 lateral: 2 x M20/M25 (1 x each side) |
| Degree of Protection | | IP66, IP67, IP69 |
| Colour | | |
| | | |
| RAL Value | | RAL 7035 |
| Colour | | Enclosure base anthracite |
| Connection to SmartWire-DT | | no |
| For use with | | 1 x Ø 22.5 |
| For use with | | (Illuminated) pushbuttons (Illuminated) selector switches Key-operated pushbuttons Indicator light controlled stop/emergency-stop buttons with yellow label |

Technical data General

| Degree of Protection | | IP66, IP67, IP69 |
|----------------------|----|------------------|
| Ambient temperature | | |
| Open | °C | -25 - +70 |

Design verification as per IEC/EN 61439

| Technical data for design verification | | | |
|--|---|----|--|
| Operating ambient temperature min. | • | °C | -25 |
| Operating ambient temperature max. | (| °C | 70 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | |
| 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 7.0

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@ss10.0.1-27-37-12-05 [AKF023014])

| | 1 |
|----|--------------------------|
| | Surface mounting housing |
| | Plastic |
| | Other |
| mm | 22.5 |
| | Grey |
| | IP67/IP69K |
| | 4X |
| mm | 72 |
| mm | 80 |
| mm | 56 |
| | mm mm |

Approvals

| Product Standards | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking |
|-----------------------------|--|
| UL File No. | E29184 |
| UL Category Control No. | NKCR |
| CSA File No. | 012528 |
| CSA Class No. | 3211-03 |
| North America Certification | UL listed, CSA certified |
| Degree of Protection | UL/CSA Type 3R, 4X, 12, 13 |

Dimensions

