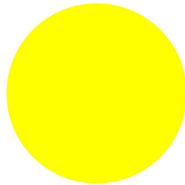




Surface mounting enclosure, yellow, 1 mounting location

Part no. **M22-IY1**
 Catalog No. **216536**
 Alternate Catalog No. **M22-IY1Q**
 EL-Nummer (Norway) **4355384**

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 1004 |
| Colour | | | Enclosure base anthracite |
| Connection to SmartWire-DT | | | no |
| For use with | | | 1 x Ø 22.5 |
| For use with | | | Controlled stop/emergency-stop buttons |

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 | | | |
| Heat dissipation per pole, current-dependent | P _{vid} | W | 0.11 |
| Heat dissipation capacity | P _{diss} | W | 0.65 |
| 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. |

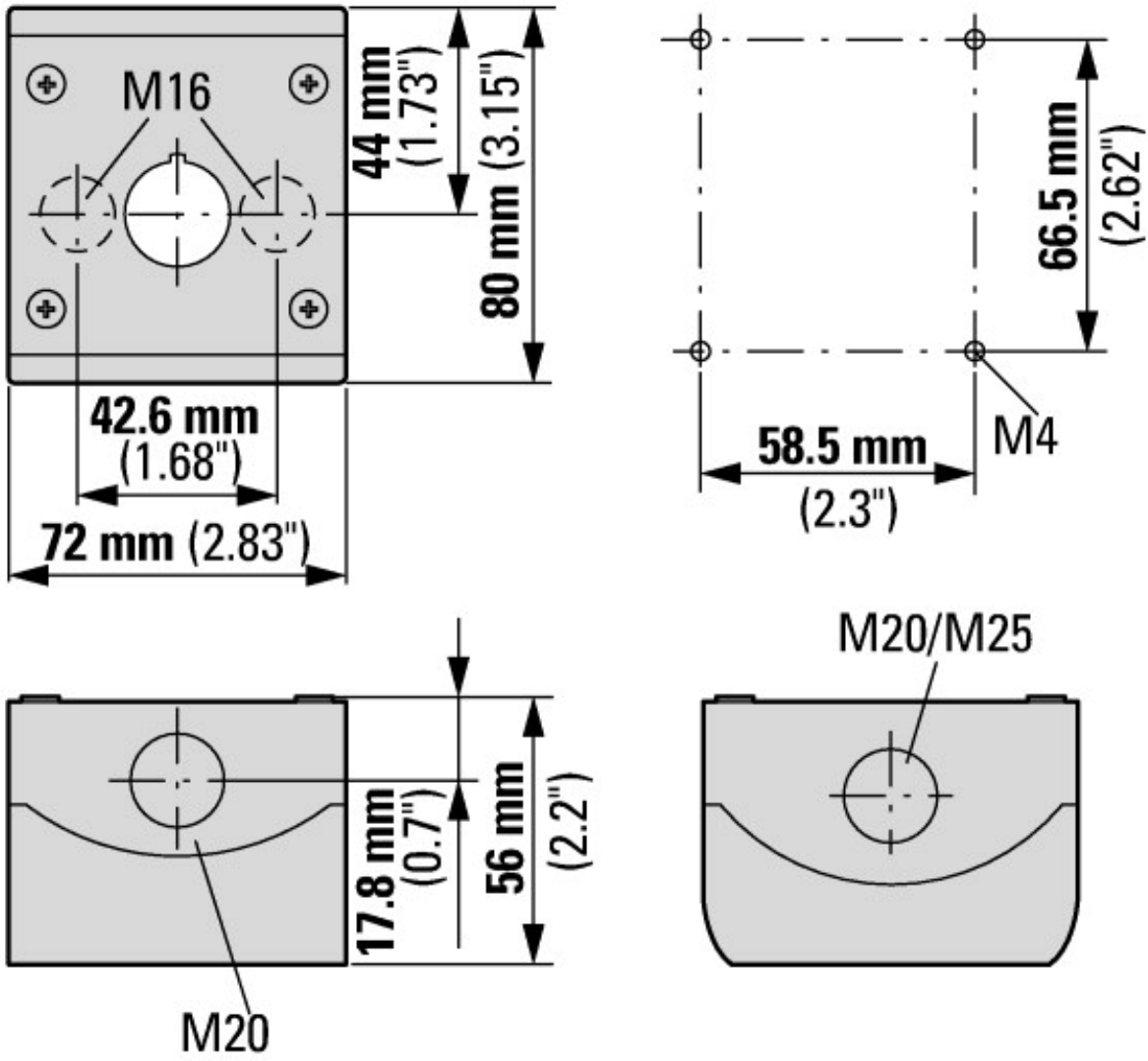
Technical data ETIM 8.0

| | | |
|---|----|--------------------------|
| 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]) | | |
| Number of command positions | | 1 |
| Construction type housing | | Surface mounting housing |
| Material housing | | Plastic |
| Housing material quality | | Other |
| Diameter openings | mm | 22.5 |
| Colour housing cover | | Grey |
| Degree of protection (IP) | | IP67/IP69K |
| Degree of protection (NEMA) | | 13 |
| Width | mm | 72 |
| Height | mm | 56 |
| Depth | mm | 80 |

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



Premoulded cable entry: bottom 2 x M16, top: 1 x M20, side: 2 x M20/M25 (per side 1 x)