**EN:** This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

# DATASHEET - M22-I4

**Surface mounting enclosure, 4 mounting locations**

| | |
|---|---|
| **Part no.** | **M22-I4** |
| **Catalog No.** | **216539** |
| **Alternate Catalog No.** | **M22-I4Q** |
| **EL-Nummer (Norway)** | **4355387** |

## Delivery program

| | | | |
|---|---|---|---|
| Basic function accessories | | | Surface mounting enclosure |
| Housing | | | Insulated material |
| | | | With high-grade steel screws |
| Number of locations | | Qty. | 4 |
| **Cable entry knockouts** | | | |
| Cable entry | | | rear: 2 x M20<br>at top: 2 x M20<br>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 | | | 4 x ∅ 22.5 |
| For use with | | | (Illuminated) pushbuttons<br>(Illuminated) selector switches<br>Key-operated pushbuttons<br>Indicator light<br>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)

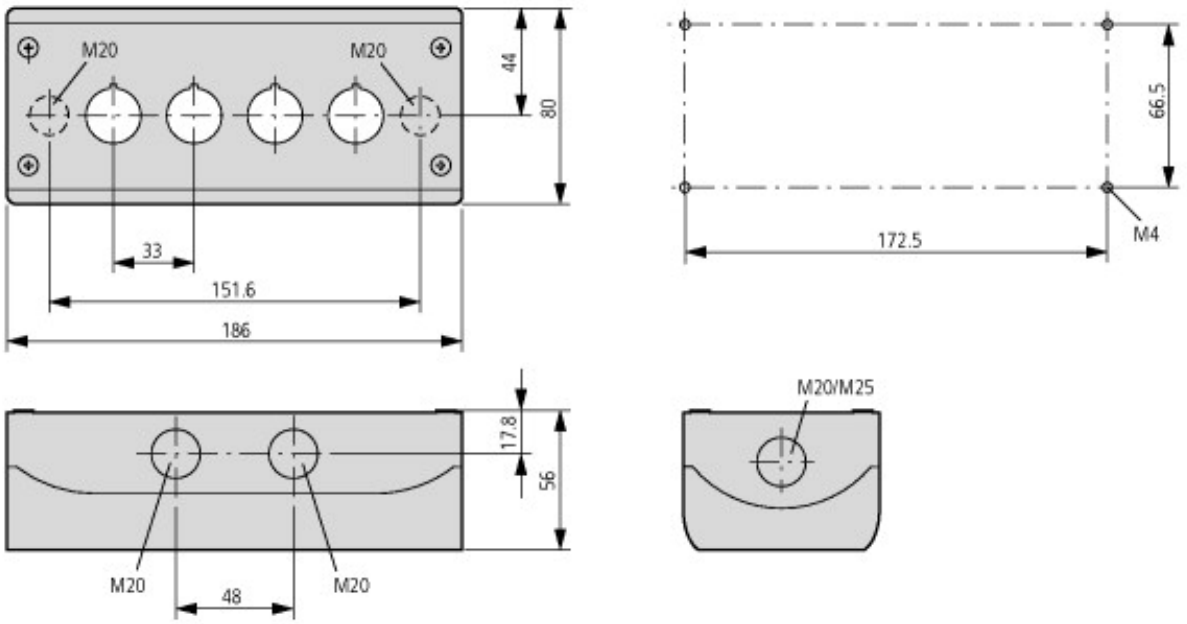
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss10.0.1-27-37-12-05 [AKF023014])

| | | | |
|---|---|---|---|
| Number of command positions | | | 4 |
| Construction type housing | | | Surface mounting housing |
| Material housing | | | Plastic |
| Material quality housing | | | Other |
| Diameter openings | | mm | 22 |
| Colour housing cover | | | Grey |
| Degree of protection (IP) | | | IP67/IP69K |
| Degree of protection (NEMA) | | | 4X |
| Width | | mm | 186 |
| Height | | mm | 80 |
| Depth | | mm | 56 |

## 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 M20, top: 2 x M20, side: 2 x M20/M25 (per side 1 x)

## Assets (links)

### Declaration of CE Conformity

00003256

### Instruction Leaflets

IL04716003Z2018_06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