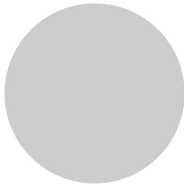



**Surface mounting enclosure, flat, 2 mounting locations, M22**

**Part no.** M22-FI2  
**Catalog No.** 197232  
  
**EL-Nummer (Norway)** 4300431

## Delivery program

|                              |  |      |                                                                                                                                                                                                                                                      |
|------------------------------|--|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic function accessories   |  |      | Surface mounting enclosure                                                                                                                                                                                                                           |
| Housing                      |  |      | Insulated material                                                                                                                                                                                                                                   |
|                              |  |      | With high-grade steel screws                                                                                                                                                                                                                         |
| Number of locations          |  | Qty. | 2                                                                                                                                                                                                                                                    |
| <b>Cable entry knockouts</b> |  |      |                                                                                                                                                                                                                                                      |
| Cable entry                  |  |      | rear: 1 x M20<br>lateral: 2 x M20 (1 x each side)                                                                                                                                                                                                    |
| Degree of Protection         |  |      | IP66, IP67, IP69                                                                                                                                                                                                                                     |
| Impact resistance            |  |      | IK06 according to EN 50102                                                                                                                                                                                                                           |
| <b>Colour</b>                |  |      |                                                                                                                                                                                                                                                      |
|                              |  |      |                                                                                                                                                                  |
| RAL Value                    |  |      | RAL 7035                                                                                                                                                                                                                                             |
| Colour                       |  |      | Enclosure base anthracite                                                                                                                                                                                                                            |
| Connection to SmartWire-DT   |  |      | no                                                                                                                                                                                                                                                   |
| For use with                 |  |      | 2 x Ø 22.5                                                                                                                                                                                                                                           |
| For use with                 |  |      | (Illuminated) pushbuttons<br>(Illuminated) selector switches<br>Key-operated pushbuttons<br>Indicator light<br>EMERGENCY-STOP/EMERGENCY OFF buttons with yellow label<br>Flat rear contact elements M22-FK...<br>Flat Rear LED elements M22-FLED-... |

## 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 <sub>vid</sub>  | W  | 0.043 |
| Heat dissipation capacity                    | P <sub>diss</sub> | W  | 1.03  |
| Operating ambient temperature min.           |                   | °C | -25   |
| Operating ambient temperature max.           |                   | °C | 70    |

|                   |  |  |                            |
|-------------------|--|--|----------------------------|
| Impact resistance |  |  | IK06 according to EN 50102 |
|-------------------|--|--|----------------------------|

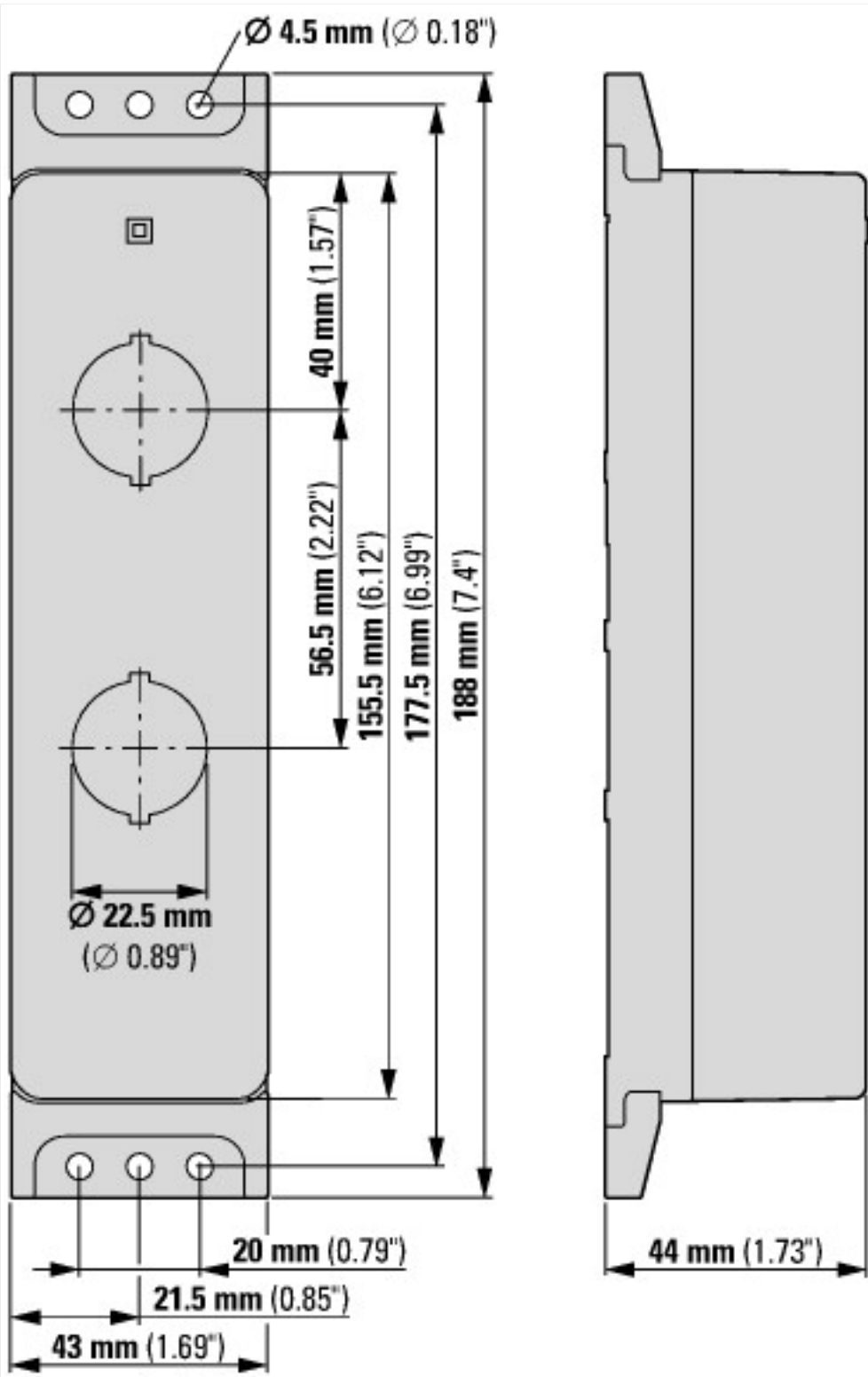
## Technical data ETIM 8.0

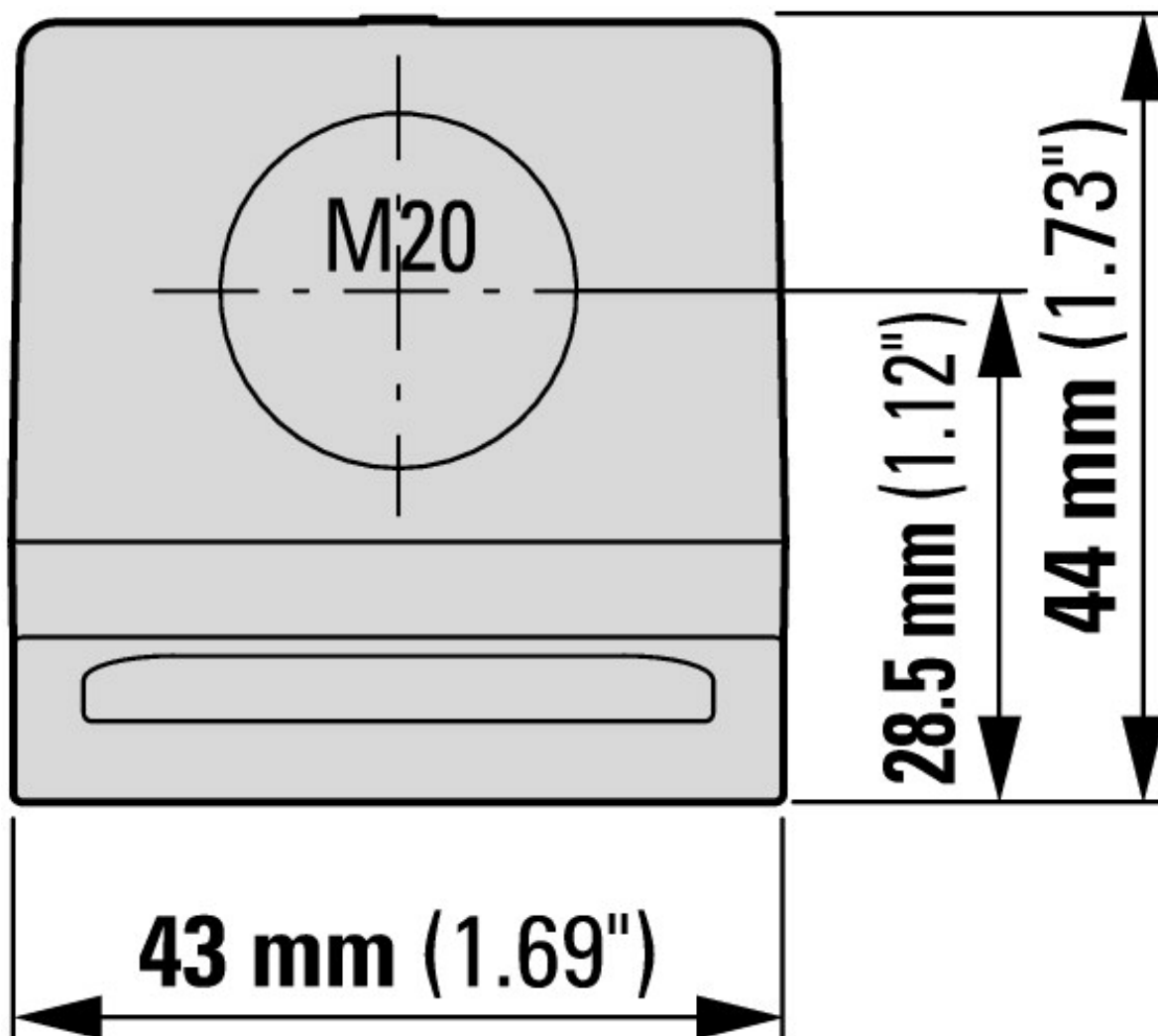
|                                                                                                                                                                                                         |  |    |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|--------------------------|
| 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 (ecI@ss10.0.1-27-37-12-05 [AKF023014]) |  |    |                          |
| Number of command positions                                                                                                                                                                             |  |    | 2                        |
| 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)                                                                                                                                                                             |  |    | 4X                       |
| Width                                                                                                                                                                                                   |  | mm | 43                       |
| Height                                                                                                                                                                                                  |  | mm | 44                       |
| Depth                                                                                                                                                                                                   |  | mm | 166                      |

## 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 1, 3R, 4X                                                        |

Dimensions





### Additional product information (links)

IL047023ZU RMQ-Titan: Flat enclosure

IL047023ZU RMQ-Titan: Flat enclosure

[https://es-assets.eaton.com/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL047023ZU2021\\_08.pdf](https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL047023ZU2021_08.pdf)