

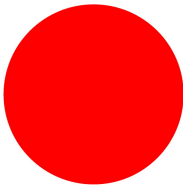


Pushbutton, RMQ-Titan, Flat, maintained, red, Blank, Metal bezel

Part no. **M30C-FDR-R**  
 Catalog No. **182944**  
 Alternate Catalog No. **M30C-FDR-R**  
 EL-Nummer **4315610**  
 (Norway)



## Delivery program

|                            |   |    |                                                                                    |
|----------------------------|---|----|------------------------------------------------------------------------------------|
| Product range              |   |    | Flat Front (drilling dimensions 30.5 mm)                                           |
| Basic function             |   |    | Pushbutton actuators                                                               |
| Mounting hole diameter     | Ø | mm | 30.5                                                                               |
| Single unit/Complete unit  |   |    | Single unit                                                                        |
| Design                     |   |    | Flat                                                                               |
|                            |   |    | maintained                                                                         |
| <b>Button plate</b>        |   |    |                                                                                    |
| button plate               |   |    | red                                                                                |
| Button plate               |   |    |  |
|                            |   |    | Blank                                                                              |
| Degree of Protection       |   |    | IP66, IP67, IP69                                                                   |
| Front ring                 |   |    | Metal bezel                                                                        |
| Connection to SmartWire-DT |   |    | yes<br>with SWD-RMQ connections                                                    |
| <b>Instructions</b>        |   |    | Stay-put/spring-return function can be changed on device                           |

## Technical data

### General

|                             |              |                   |                                                                                                            |
|-----------------------------|--------------|-------------------|------------------------------------------------------------------------------------------------------------|
| Standards                   |              |                   | IEC/EN 60947<br>VDE 0660                                                                                   |
| Lifespan, mechanical        | Operations   | x 10 <sup>6</sup> | > 1                                                                                                        |
| Operating frequency         | Operations/h |                   | ≤ 1800                                                                                                     |
| Actuating force             |              | n                 | ≤ 5                                                                                                        |
| Climatic proofing           |              |                   | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30                             |
| Degree of Protection        |              |                   | IP66, IP67, IP69                                                                                           |
| Ambient temperature         |              |                   |                                                                                                            |
| Open                        |              | °C                | -25 - +70                                                                                                  |
| Storage                     |              | °C                | - 40 - + 80                                                                                                |
| Mounting position           |              |                   | As required                                                                                                |
| Mechanical shock resistance |              | g                 | 15<br>Shock duration 11 ms<br>Sinusoidal<br>according to IEC 60068-2-27                                    |
| shipping classification     |              |                   | DNV<br>GL                                                                                                  |
|                             |              |                   | <br>Germanischer Lloyd |

Design verification as per IEC/EN 61439

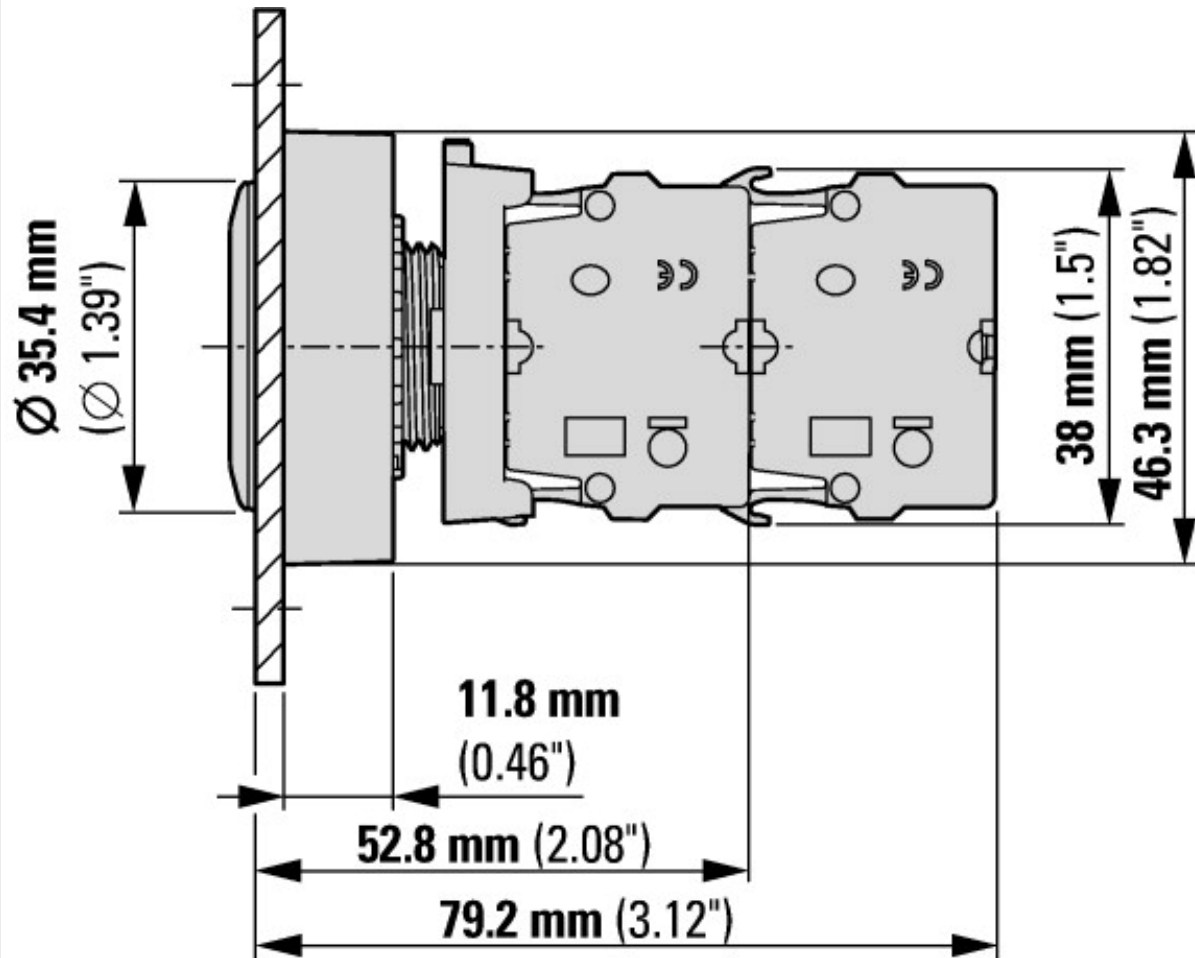
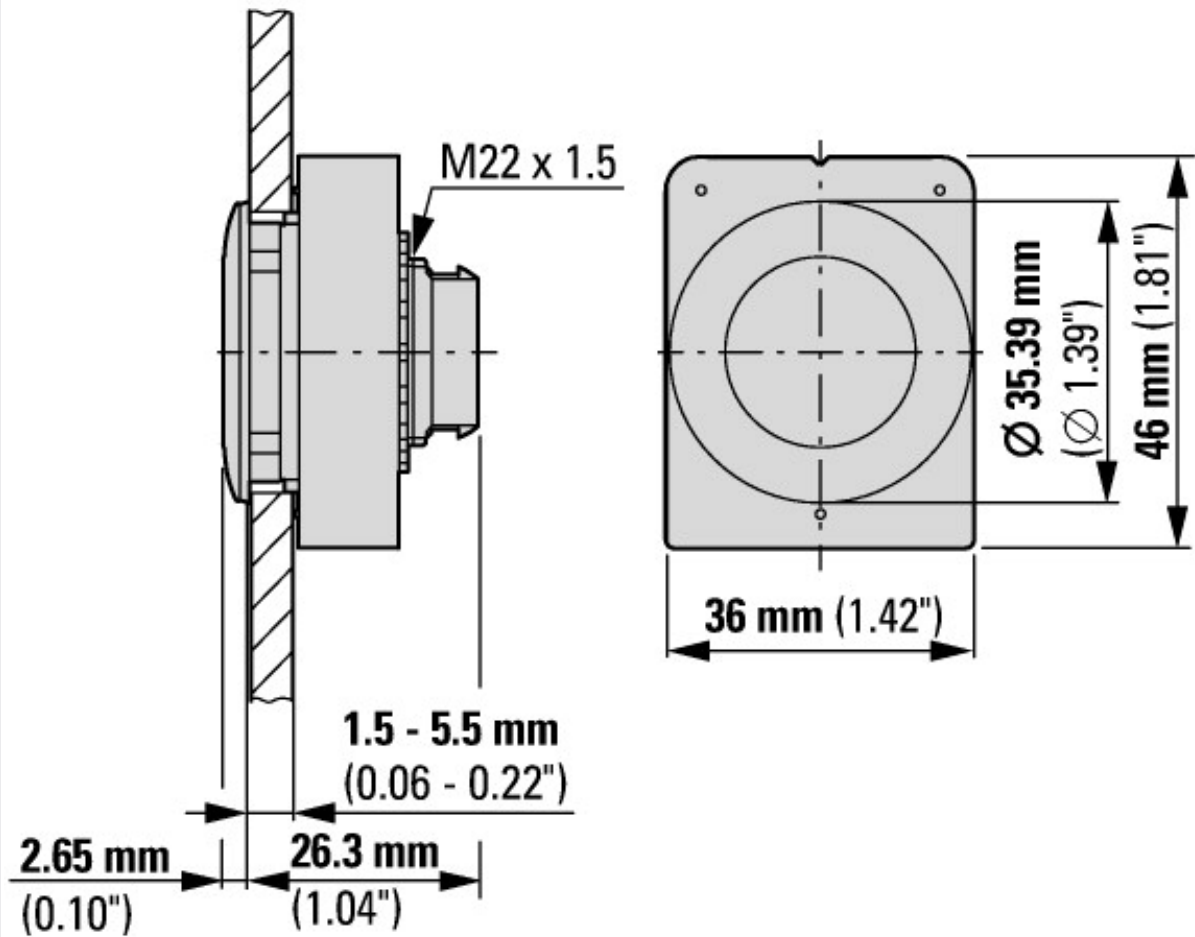
|                                        |  |    |     |
|----------------------------------------|--|----|-----|
| Technical data for design verification |  |    |     |
| Operating ambient temperature min.     |  | °C | -25 |
| Operating ambient temperature max.     |  | °C | 70  |

Technical data ETIM 8.0

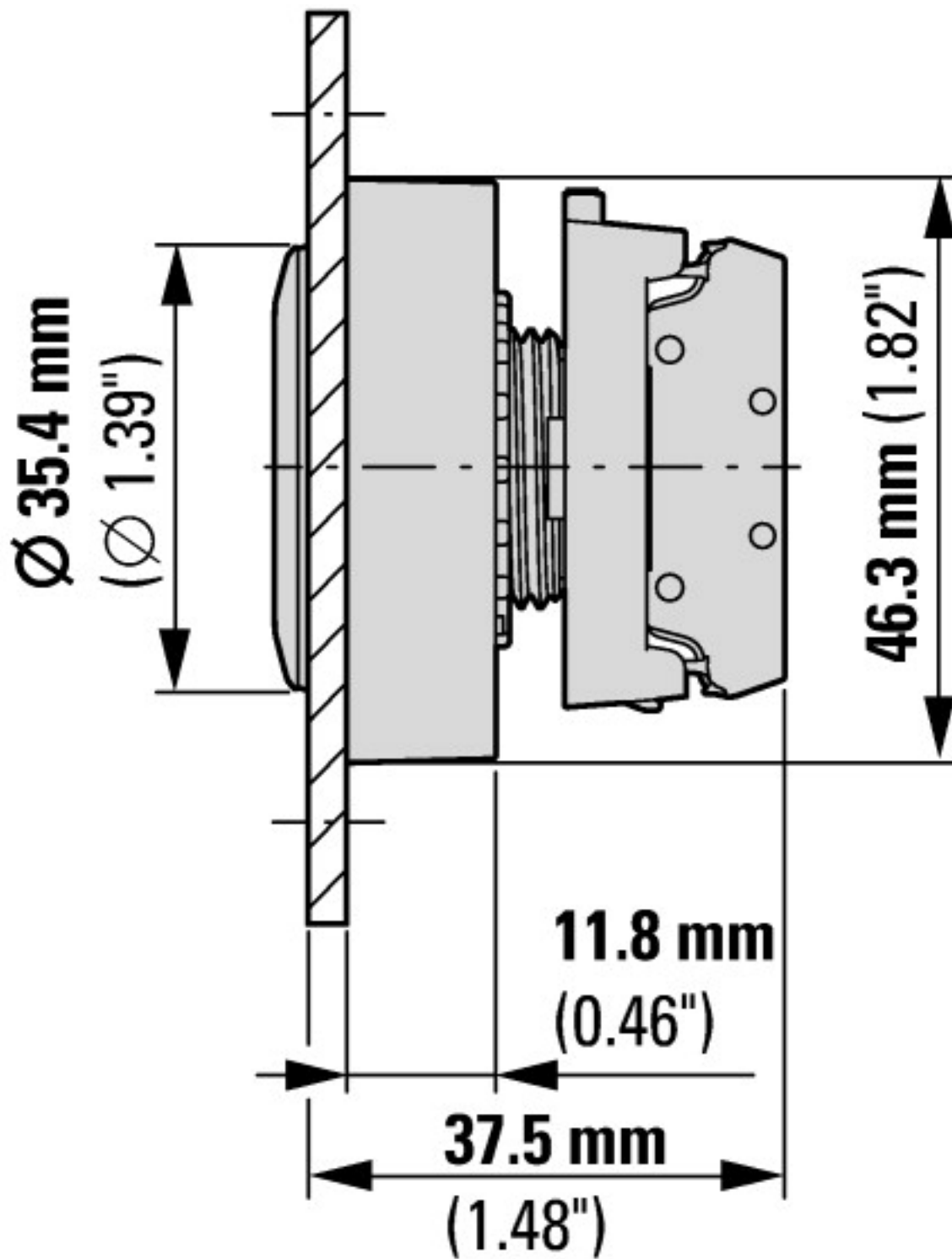
|                                                                                                                                                                                                           |  |    |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------|
| Low-voltage industrial components (EG000017) / Front element for push button (EC000221)                                                                                                                   |  |    |            |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecI@ss10.0.1-27-37-12-10 [AKF028014]) |  |    |            |
| Colour button                                                                                                                                                                                             |  |    | Red        |
| Number of command positions                                                                                                                                                                               |  |    | 1          |
| Construction type lens                                                                                                                                                                                    |  |    | Round      |
| Hole diameter                                                                                                                                                                                             |  | mm | 30         |
| Width opening                                                                                                                                                                                             |  | mm | 0          |
| Height opening                                                                                                                                                                                            |  | mm | 0          |
| Type of button                                                                                                                                                                                            |  |    | Flat       |
| Suitable for illumination                                                                                                                                                                                 |  |    | No         |
| With protective cover                                                                                                                                                                                     |  |    | No         |
| Labelled                                                                                                                                                                                                  |  |    | No         |
| Switching function latching                                                                                                                                                                               |  |    | Yes        |
| Spring-return                                                                                                                                                                                             |  |    | No         |
| With front ring                                                                                                                                                                                           |  |    | Yes        |
| Material front ring                                                                                                                                                                                       |  |    | Metal      |
| Colour front ring                                                                                                                                                                                         |  |    | Chrome     |
| Degree of protection (IP), front side                                                                                                                                                                     |  |    | IP67/IP69K |
| Degree of protection (NEMA), front side                                                                                                                                                                   |  |    | Other      |

Approvals

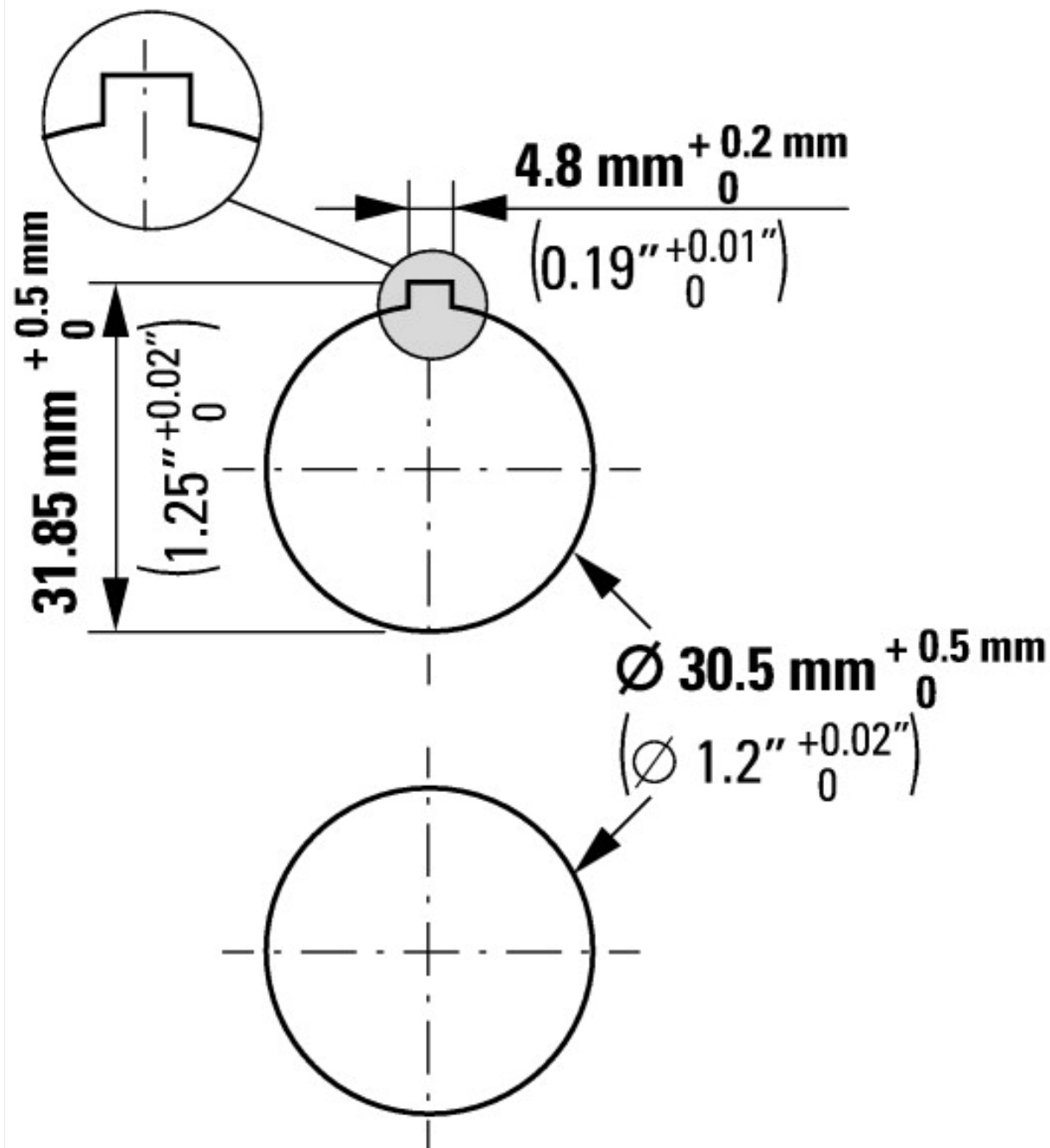
|                             |  |  |                                                                              |
|-----------------------------|--|--|------------------------------------------------------------------------------|
| Product Standards           |  |  | IEC/EN 60947-5; UL 508; CSA-C22.2 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                                                   |



with 2 M22-K... standard contact elements



with M22-FK... flat rear contact elements



### Additional product information (links)

IL047019ZU Flat Front

IL047019ZU Flat Front

[https://es-assets.eaton.com/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL047019ZU.pdf](https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL047019ZU.pdf)