



## Joystick, Flat Front, momentary, vertical

Part no. **M30C-FWJS4**  
 Catalog No. **187077**  
 Eaton Catalog No. **M30C-FWJS4**

## Technical data

### General

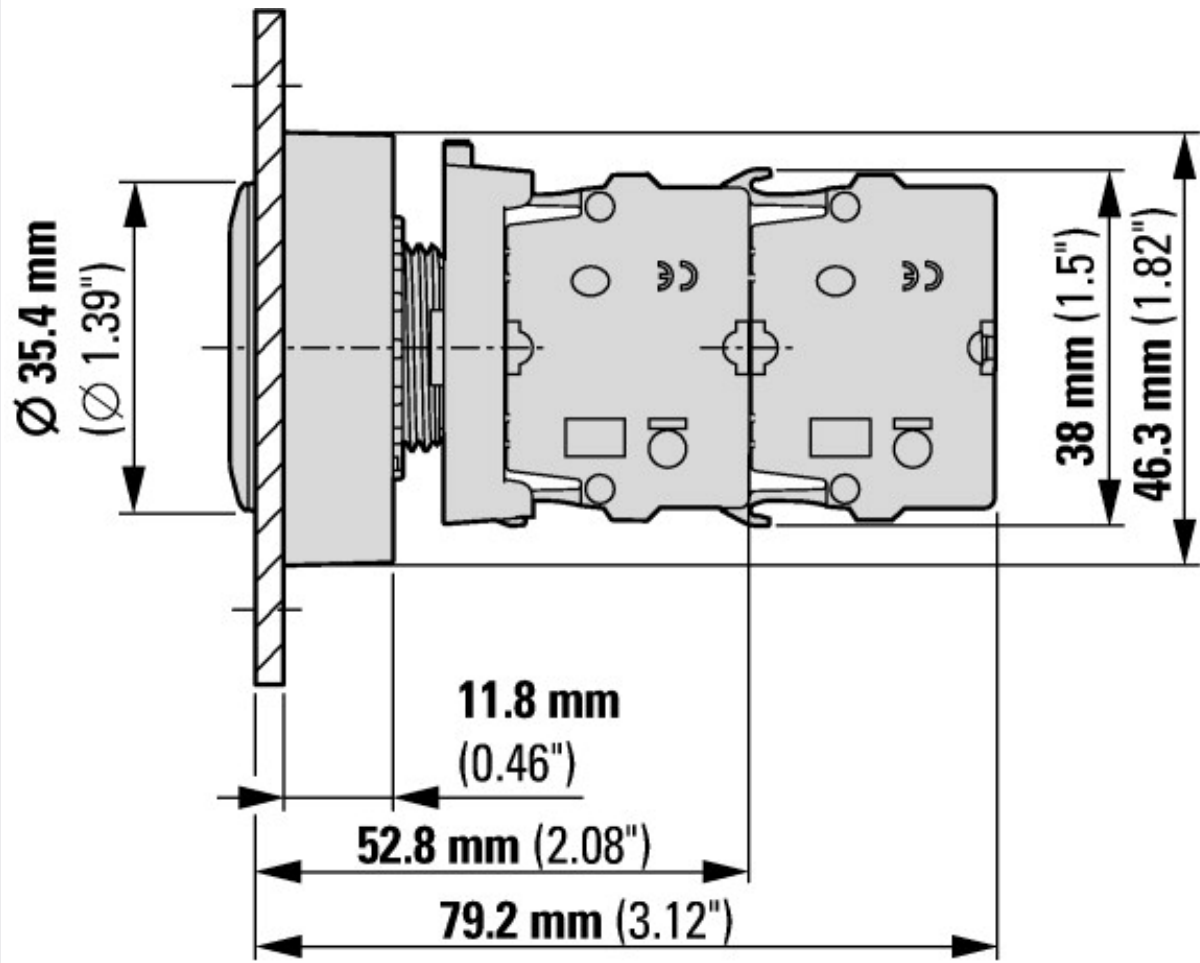
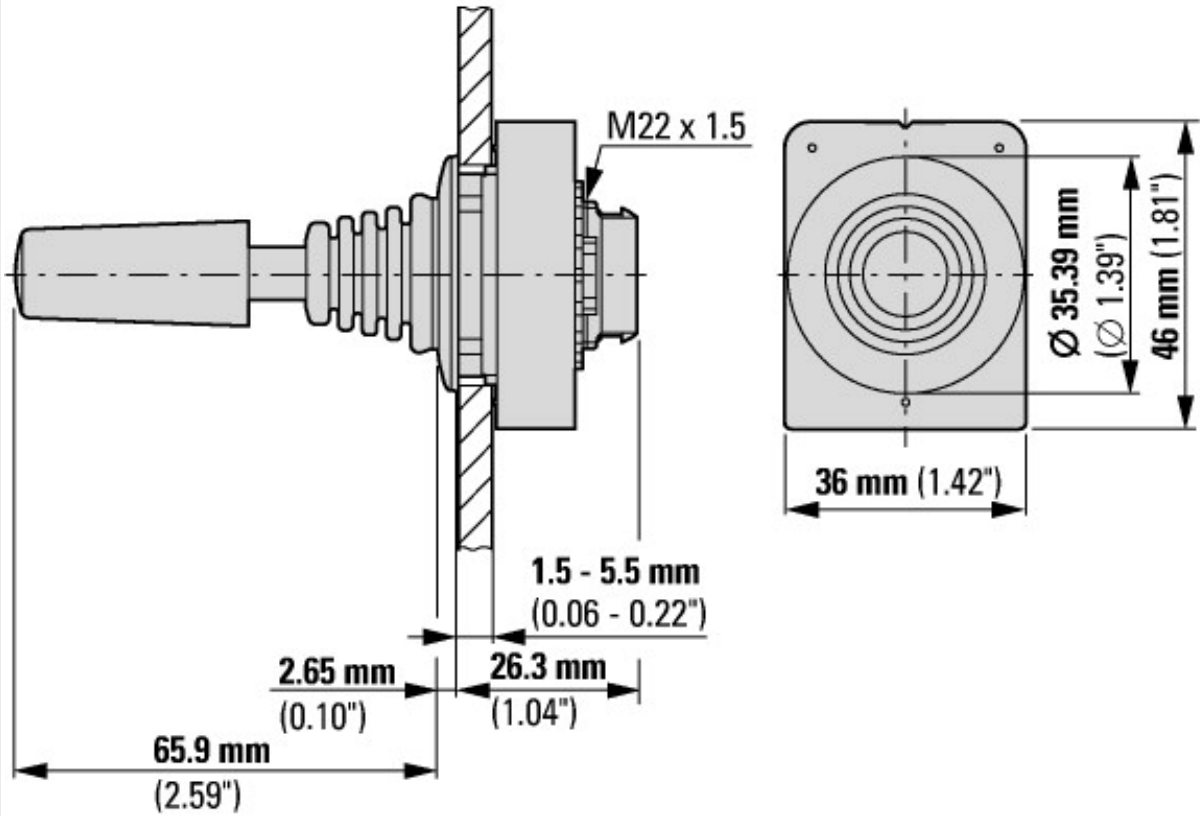
|                             |              |                   |                                                                                |
|-----------------------------|--------------|-------------------|--------------------------------------------------------------------------------|
| Standards                   |              |                   | IEC/EN 60947<br>VDE 0660                                                       |
| Lifespan, mechanical        | Operations   | x 10 <sup>6</sup> | > 0.1                                                                          |
| Operating frequency         | Operations/h |                   | ≤ 2000                                                                         |
| 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                                                                           |
| Ambient temperature         |              |                   |                                                                                |
| Open                        |              | °C                | -25 - +70                                                                      |
| Mounting position           |              |                   | As required                                                                    |
| Mechanical shock resistance |              | g                 | 15<br>Shock duration 11 ms<br>Sinusoidal<br>according to IEC 60068-2-27        |

## Design verification as per IEC/EN 61439

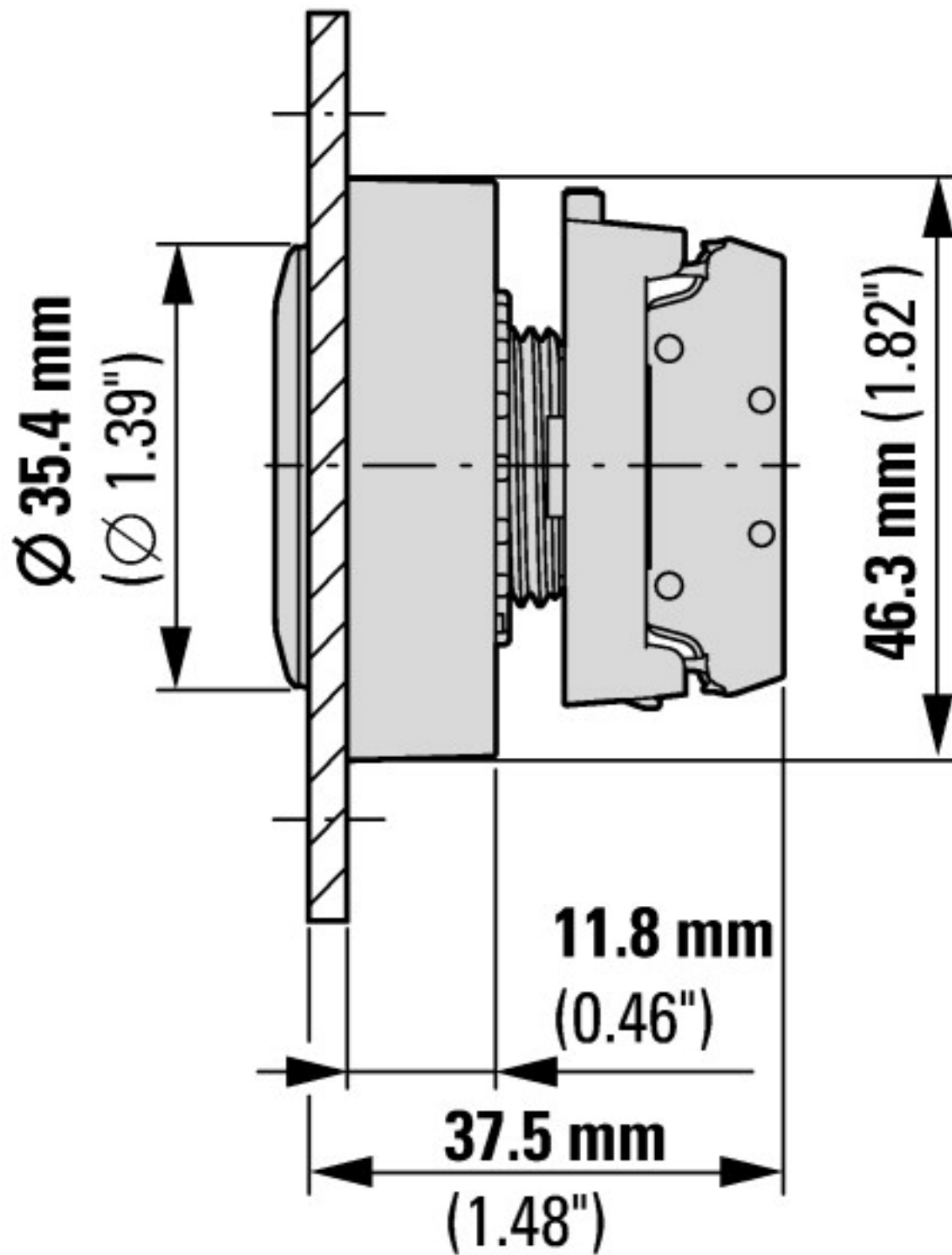
|                                        |  |    |     |
|----------------------------------------|--|----|-----|
| Technical data for design verification |  |    |     |
| Operating ambient temperature max.     |  | °C | -25 |
| Operating ambient temperature max.     |  | °C | 70  |

## Technical data ETIM 6.0

|                                                                                                                                                                                                                 |    |  |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|--------|
| Low-voltage industrial components (EG000017) / Control switch, Joystick (EC000632)                                                                                                                              |    |  |        |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Control switch, joystick (ecl@ss8.1-27-37-14-04 [AKF061010]) |    |  |        |
| Rated operation current I <sub>e</sub> at AC-21, 400 V                                                                                                                                                          | A  |  | 0      |
| Centre mounting, hole diameter                                                                                                                                                                                  | mm |  | 30     |
| Joy stick length                                                                                                                                                                                                | mm |  | 66     |
| Number of actuation directions                                                                                                                                                                                  |    |  | 4      |
| Number of switch levels                                                                                                                                                                                         |    |  | 1      |
| Number of normally open contacts per actuation direction                                                                                                                                                        |    |  | 0      |
| Number of normally closed contacts per actuation direction                                                                                                                                                      |    |  | 0      |
| Number of make-and-break contacts per direction                                                                                                                                                                 |    |  | 0      |
| With retraction in 0-position                                                                                                                                                                                   |    |  | Yes    |
| Locking in 0-position                                                                                                                                                                                           |    |  | No     |
| Coder                                                                                                                                                                                                           |    |  | No     |
| Analogue output signal configurable                                                                                                                                                                             |    |  | No     |
| Degree of protection (IP)                                                                                                                                                                                       |    |  | IP66   |
| With front ring                                                                                                                                                                                                 |    |  | Yes    |
| Material front ring                                                                                                                                                                                             |    |  | Metal  |
| Colour front ring                                                                                                                                                                                               |    |  | Chrome |



with 2 M22-K... standard contact elements



with M22-FK... flat rear contact elements

