

# Datasheet

## → FRPVKO

07/18/2025



### Technical data

Emergency-stop

|        |                |
|--------|----------------|
| Type   | FRPVKO         |
| Series | SHORTRON®      |
| Rubric | Emergency-stop |



### → General data

|                            |                  |
|----------------------------|------------------|
| Design                     | Round            |
| Operating temperature      | -25 °C ... 70 °C |
| Panel cut-out              | Ø 22.3 mm        |
| Mounting depth             | 18.5 mm          |
| Lens colour                | Red              |
| Enclosure colour           | Yellow           |
| Contact material           | AgNi             |
| Storage temperature        | -40 °C ... 80 °C |
| Degree of protection front | IP65<br>IP67     |

### → Electrical data

|                     |                                          |
|---------------------|------------------------------------------|
| Electrical lifetime | 30,000 switching cycles at rated voltage |
| Contact type        | 1NC                                      |

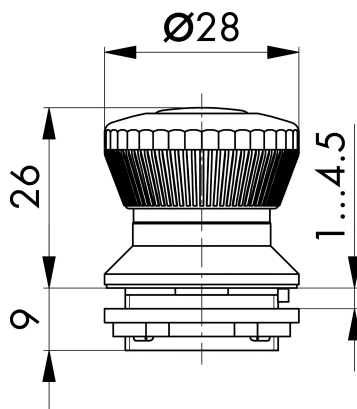
Switching capacity      240 V AC/DC  
1.5 A  
42 V  
250 mA

## → Mechanical data

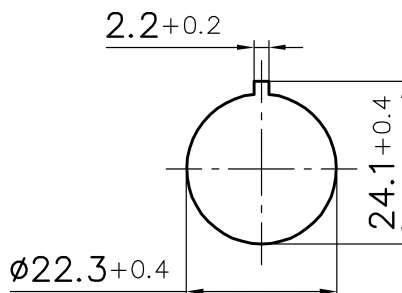
|                              |                                  |
|------------------------------|----------------------------------|
| Connection                   | Faston terminals 2.8 mm x 0.8 mm |
| Mounting position            | Any                              |
| Release                      | Pull release                     |
| Mechanical lifetime          | 30,000 switching cycles          |
| Switching position indicator | Yes                              |
| Foolproof                    | Yes                              |
| Positive opening             | Acc. to EN60947-5-1, appendix K  |

## Technical drawings

### → Dimensional drawing



### → Cutout dimensions



### → Circuit diagram

