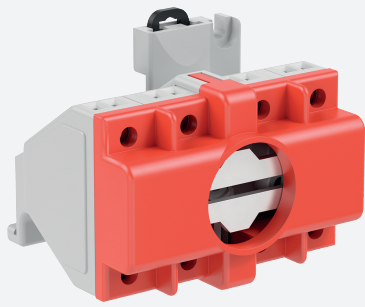




## Contact Block Ex e, 2 Pole with Resistors, Base-mounted

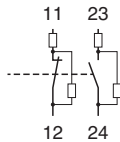
### CFP.RM.SP

- Contact block 1x NO / 1x NC
- Line fault detection
- Component for appropriately certified Ex e enclosures
- DIN rail mountable
- Ex de certified
- Polyamide
- For use with enclosure types LR\* and GR\*

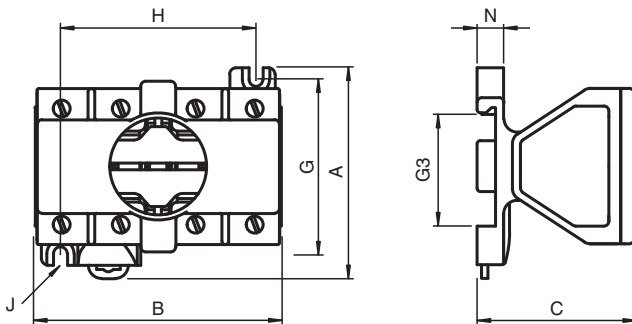


## Connection

For complete wiring diagram see combination of actuator head and contact module.



## Dimensions



Dimension values see data table.  
Image and drawing are generic for this device type and may deviate from the specific variant.

## Technical Data

### Electrical specifications

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Operating voltage | 30 V max.                                              |
| Operating current | 30 mA max.                                             |
| Terminal capacity | 2.5 mm <sup>2</sup>                                    |
| Terminal torque   | 0.8 Nm                                                 |
| Resistor          | R1 in series, R2 switch bypass<br>R1 = 1 kΩ R2 = 10 kΩ |
| Function          | contact block                                          |

## Technical Data

|                                                                |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact configuration                                          | 1x NO / 1x NC<br>all NC contacts have a direct opening action for emergency stop functions                                                                                                                                                                   |
| Usage category                                                 | AC15: 12 ... 30 V AC - 30 mA<br>DC13: 12 ... 30 V DC - 30 mA                                                                                                                                                                                                 |
| Number of poles                                                | 2                                                                                                                                                                                                                                                            |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                                                                              |
| Degree of protection                                           | IP20                                                                                                                                                                                                                                                         |
| Material                                                       |                                                                                                                                                                                                                                                              |
| Housing                                                        | Polyamide (PA)                                                                                                                                                                                                                                               |
| Mass                                                           | 165 g                                                                                                                                                                                                                                                        |
| Mechanical life                                                | 1000000 switching operations                                                                                                                                                                                                                                 |
| Dimensions                                                     |                                                                                                                                                                                                                                                              |
| External dimension (A)                                         | 63 mm                                                                                                                                                                                                                                                        |
| External dimension (B)                                         | 74 mm                                                                                                                                                                                                                                                        |
| External dimension (C)                                         | 58.6 mm                                                                                                                                                                                                                                                      |
| Mounting holes distance (G)                                    | 52 mm                                                                                                                                                                                                                                                        |
| DIN mounting rail receptacle (G3)                              | 35.6 mm                                                                                                                                                                                                                                                      |
| Mounting holes distance (H)                                    | 58 mm                                                                                                                                                                                                                                                        |
| Mounting holes diameter (J)                                    | 4.2 mm                                                                                                                                                                                                                                                       |
| Thickness of mounting brackets (N)                             | 8 mm                                                                                                                                                                                                                                                         |
| Mounting                                                       | base-mounted DIN rail mounting                                                                                                                                                                                                                               |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                                                                              |
| Service temperature                                            | -40 ... 90 °C (-40 ... 194 °F)                                                                                                                                                                                                                               |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                                                                              |
| EU-type examination certificate                                | CML 19 ATEX 1177U                                                                                                                                                                                                                                            |
| Marking                                                        | Ⓔ II 2 G<br>Ex db eb IIC Gb                                                                                                                                                                                                                                  |
| <b>International approvals</b>                                 |                                                                                                                                                                                                                                                              |
| IECEx approval                                                 | IECEx CML 19.0053U                                                                                                                                                                                                                                           |
| <b>Conformity</b>                                              |                                                                                                                                                                                                                                                              |
| Degree of protection                                           | EN 60529                                                                                                                                                                                                                                                     |
| CE marking                                                     | 2829                                                                                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                                                                              |
| Supplementary information                                      | EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |
| Enclosure type                                                 | LR* GR.CS*                                                                                                                                                                                                                                                   |