



EF220.2

- **Screw connection**
- **Mounting flange position 2**
- **Suitable for EMERGENCY-OFF**
- **31-32; 41-42 (Contact labelling)**

Data

Ordering data

| | |
|-------------------------------|---------------|
| Product type description | EF 220.2 |
| Article number (order number) | 101024262 |
| EAN (European Article Number) | 4250116201372 |
| eCl@ss number, Version 9.0 | 27-37-13-02 |

Approval - Standards

| | |
|--------------|---------------------|
| Certificates | cULus CCC EAC |
|--------------|---------------------|

General data

| | |
|--------------------------------------|---|
| Product name | Contact element EF |
| Standards | EN 60947-5-1 IEC/EN 60947-1 |
| Enclosure material | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| Material of the contacts, electrical | Silver |
| Contact labelling | 31-32 41-42 |
| Gross weight | 20 g |

General data - Features

| | |
|----------------------------|-----|
| Suitable for EMERGENCY-OFF | Yes |
| Number of openers | 2 |

Mechanical data

| | |
|---------------------------|--|
| Installation instructions | pluggable |
| Mechanical life, minimum | 10,000,000 Operations |
| positive break travel | 2 mm |
| Contact opening | 2 mm |
| Note Bounce duration | Bounce duration at an Actuating speed of 100mm/s |
| Mounting flange position | 2 |

Mechanical data - Connection technique

| | |
|------------------------|---|
| Terminal Connector | Screw connection |
| Cable section, minimum | 0.5 mm ² , rigid 0.5 mm ² , flexible |
| Cable section, maximum | 2.5 mm ² , rigid 1.5 mm ² , flexible |
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |

Mechanical data - Dimensions

| | |
|--------|-------|
| Width | 10 mm |
| Length | 46 mm |
| Depth | 60 mm |

Ambient conditions

| | |
|--|---|
| Protection class of the Switch rooms | IP40 |
| Protection class of Clips or Terminals | IP20 |
| Ambient temperature, minimum | -25 °C |
| Ambient temperature, maximum | +80 °C |
| Resistance to shock | 110 g / 4 ms |
| Resistant to vibration | Resistance to vibration: 20 g / 10...200 Hz |

Electrical data

| | |
|----------------------------|------------------|
| Thermal test current | 10 A |
| Utilisation category AC-15 | 230 VAC |
| Utilisation category AC-15 | 8 A |
| Utilisation category DC-13 | 24 VDC |
| Utilisation category DC-13 | 5 A |
| Suitable for low-voltages | ≥ 5 V / ≥ 3.2 mA |
| Switching element | Opener (NC) |
| Switching principle | Slow action |
| Bounce duration, maximum | 5 ms |

Switching frequency

1,200 /h

Pictures

Product picture (catalogue individual photo)



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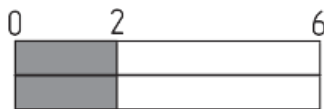
| 497,4 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199

Pixel - 72 dpi

| 40,9 kB | .png | 73.731 x 88.547 mm - 209 x 251

Pixel - 72 dpi

Switch travel diagram



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| 29,0 kB | .jpg | 352.778 x 118.181 mm - 1000 x 335

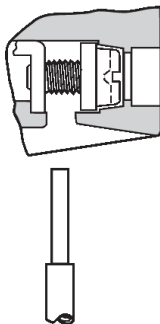
Pixel - 72 dpi

| 18,8 kB | .cdr |

| 1,1 kB | .png | 74.083 x 24.694 mm - 210 x 70 Pixel -

72 dpi

Operating principle



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| 3,7 kB | .png | 74.083 x 149.225 mm - 210 x 423

Pixel - 72 dpi

| 189,7 kB | .jpg | 352.778 x 711.2 mm - 1000 x 2016

Pixel - 72 dpi

| 19,5 kB | .cdr |

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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