



## EFK03.1

- Cage clamps
- 13-14 (Contact labelling)
- Mounting flange position 1

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
|                               | EFK03.1       |
|                               | 101022272     |
| EAN (European Article Number) | 4030661433035 |
| eCl@ss number, Version 9.0    | 27-37-13-02   |

### Approval - Standards

cULus  
CCC  
EAC

### General data

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Product name                         | Contact element EFK<br>EN 60947-5-1<br>IEC/EN 60947-1             |
| Enclosure material                   | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| Material of the contacts, electrical | Silver                                                            |
| Contact labelling                    | 13-14                                                             |
| Gross weight                         | 16 g                                                              |

### General data - Features

|                            |     |
|----------------------------|-----|
| Suitable for EMERGENCY-OFF | Yes |
| Number of shutters         | 1   |

### Mechanical data

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Installation instructions | pluggable                                             |
| Mechanical life, minimum  | 10,000,000 Operations                                 |
| positive break travel     | 2 mm                                                  |
| Contact opening           | 3 mm                                                  |
| Note Bounce duration      | Bounce duration at an Actuating speed of 100mm/s<br>1 |

### Mechanical data - Connection technique

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Connector   | Cage clamps, WAGO-Cage-Clamp<br>2 x 0.08 mm <sup>2</sup><br>2 x 1.5 mm <sup>2</sup> |
| Note (Cable section) | All indications about the cable section are including the conductor ferrules.       |

### Mechanical data - Dimensions

|        |       |
|--------|-------|
| Width  | 10 mm |
| Length | 46 mm |
| Depth  | 51 mm |

### Ambient conditions

|                              |                                             |
|------------------------------|---------------------------------------------|
|                              | IP40                                        |
|                              | IP20                                        |
| Ambient temperature, minimum | -25 °C                                      |
| Ambient temperature, maximum | +80 °C                                      |
|                              | 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                        |
|                            | ≥ 5 V / ≥ 3.2 mA           |
| Switching element          | Normally open contact (NO) |
| Switching principle        | Slow action                |
| Bounce duration, maximum   | 5 ms                       |
| Switching frequency        | 1,200 /h                   |

## Pictures

### Photo/Product/Catalogue



ID: kefkf01

| 31,7 kB | .png | 73.731 x 74.083 mm - 209 x 210  
Pixel - 72 dpi

| 373,3 kB | .jpg | 352.778 x 353.836 mm - 1000 x  
1003 Pixel - 72 dpi

### Diagramm/Product/Travel



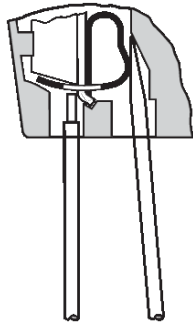
ID: krf--s03

| 21,2 kB | .jpg | 352.778 x 80.433 mm - 1000 x 228  
Pixel - 72 dpi

| 1,0 kB | .png | 74.083 x 16.933 mm - 210 x 48 Pixel -  
72 dpi

| 18,7 kB | .cdr |

### Illustration/Product/Function



ID: krf--a07

| 4,3 kB | .png | 73.731 x 124.531 mm - 209 x 353  
Pixel - 72 dpi

| 19,0 kB | .cdr |

| 184,6 kB | .jpg | 352.778 x 594.431 mm - 1000 x  
1685 Pixel - 72 dpi

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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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