



## EF10F.3

- Flat plug-in connector
- 31-32 (Contact labelling)
- Mounting flange position 3

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
|                               | EF10F.3       |
|                               | 101006562     |
| EAN (European Article Number) | 4030661463575 |
| eCl@ss number, Version 9.0    | 27-37-13-02   |

### Approval - Standards

cULus  
CCC  
EAC

### General data

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Product name                         | Contact element EF<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                    | 31-32                                                             |
| Gross weight                         | 20 g                                                              |

### General data - Features

|                   |   |
|-------------------|---|
| Number of openers | 1 |
|-------------------|---|

### Mechanical data

|                           |           |
|---------------------------|-----------|
| Installation instructions | pluggable |
|---------------------------|-----------|

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

#### Mechanical data - Connection technique

|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| Terminal Connector | Flat plug-in connector - 6.3 mm x 0.8 mm / 2 x 2.8 mm x 0.8 mm |
|--------------------|----------------------------------------------------------------|

#### Mechanical data - Dimensions

|        |       |
|--------|-------|
| Width  | 10 mm |
| Length | 46 mm |
| Depth  | 60 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          | Opener (NC)      |
| Switching principle        | Slow action      |
| Bounce duration, maximum   | 5 ms             |
| Switching frequency        | 1,200 /h         |

#### Pictures

#### Photo/Product/Catalogue



ID: kef10f01

| 41,8 kB | .png | 73.731 x 88.547 mm - 209 x 251

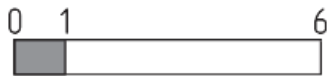
Pixel - 72 dpi

| 509,2 kB | .jpg | 352.425 x 422.981 mm - 999 x 1199

Pixel - 72 dpi

## Diagramm/Product/Travel

ID: krf--s01



| 19,6 kB | .jpg | 352.778 x 80.433 mm - 1000 x 228

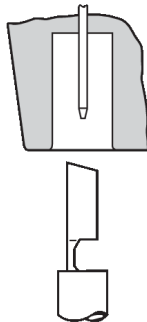
Pixel - 72 dpi

| 18,5 kB | .cdr |

| 1.020,0 b | .png | 74.083 x 16.933 mm - 210 x 48

Pixel - 72 dpi

## Illustration/Product/Function



ID: krf--a06

| 17,0 kB | .cdr |

| 3,3 kB | .png | 74.083 x 164.042 mm - 210 x 465

Pixel - 72 dpi

| 133,2 kB | .jpg | 352.778 x 781.756 mm - 1000 x

2216 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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