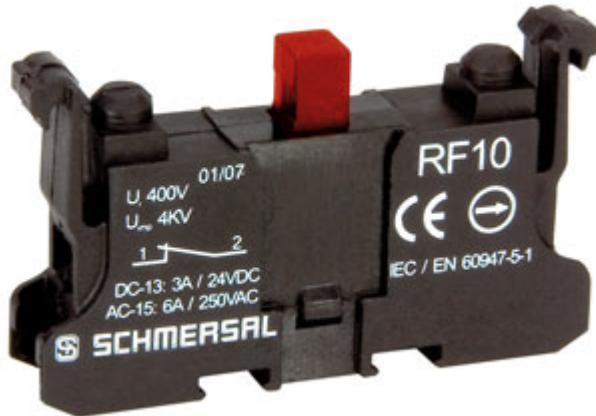


## Datasheet - RF10.1



Command and signalling devices / Contact and light terminal blocks (RF/RL) System / contact elements / contact element RF



- Screw connection
- 11-12 (Contact labelling)

(Minor differences between the printed image and the original product may exist!)

### Ordering details

|                          |             |
|--------------------------|-------------|
| Product type description | RF10.1      |
| Article number           | 101195133   |
| EAN Code                 |             |
| eCl@ss                   | 27-37-13-02 |

### Approval

Approval



### Global Properties

|                                      |   |
|--------------------------------------|---|
| Permanent light                      | Kontaktelement RF   |
| Standards                            | IEC/EN 60947-1, EN 60947-5-1                                      |
| Compliance with the Directives (Y/N) | Yes   |
| Contact labelling                    | 11-12   |
| Materials                            |   |
| - Material of the housings           | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| - Material of the contacts           | Silver  |
| Weight                               | 20  |

### Mechanical data

|                 |   |
|-----------------|---|
| Connection type | Screw connection  |
| notice          | All indications about the cable section are including the conductor ferrules. |
| Cable section   |   |

|                                     |                             |
|-------------------------------------|-----------------------------|
| - Min. Cable section                | 0,5, rigid<br>0,5, flexible |
| - Max. Cable section                | 2.5, rigid<br>1.5, flexible |
| Tightening torque for the terminals | 1                           |
| Assembly                            | pluggable                   |
| Mounting flange position            | 1; 2; 3                     |
| Mechanical life / contact element   | 10.000.000 operations       |
| Switching frequency                 | 1200                        |
| positive break travel               | 2                           |
| Contact opening                     | 1                           |

## Ambient conditions

---

|   |      |
|---|------|
| Ambient temperature                       |      |
| - Min. environmental temperature          | -25  |
| - Max. environmental temperature          | +75  |
| Protection class                          |      |
| - Protection class-Terminals              | IP20 |
| - Protection class switching compartments | IP40 |

## Electrical data

---

|                                 |   |
|---------------------------------|---|
| Design of control element       | Opener (NC)                             |
| Switching principle             | Slow action                             |
| Number of shutters              | 0                                       |
| Number of openers               | 1                                       |
| Rated impulse withstand voltage | 4                                       |
| Rated insulation voltage        | 400                                     |
| Thermal test current            | 10 A                                    |
| Utilisation category            | AC-15: 250 V / 6 A<br>DC-13: 24 V / 3 A |
| Max. fuse rating                | 6 A gG D-fuse slow blow                 |
| Suitable for low-voltages       | ≥ 5, 1                                  |

## Dimensions

---






|            |         |
|------------|---------|
| Dimensions |         |
| - Width    | 9       |
| - Height   | 25.5 mm |
| - Length   | 44      |

## Switch travel diagram

---



Notes Switch travel diagram

-  Contact closed
-  Contact open
-  Setting range
-  Break point
-  Positive opening sequence/- angle
- VS** adjustable range of NO contact

**VÖ** adjustable range of NC contact  
**N** after travel

## Documents

---

**Mounting and wiring instructions** (jp) 1 MB, 23.08.2012

Code: m\_rdtp01\_jp

**Mounting and wiring instructions** (es) 1 MB, 23.08.2012

Code: m\_rdtp01\_es

**Mounting and wiring instructions** (de) 1 MB, 01.12.2011

Code: m\_rdtp01\_de

**Mounting and wiring instructions** (en) 1 MB, 01.12.2011

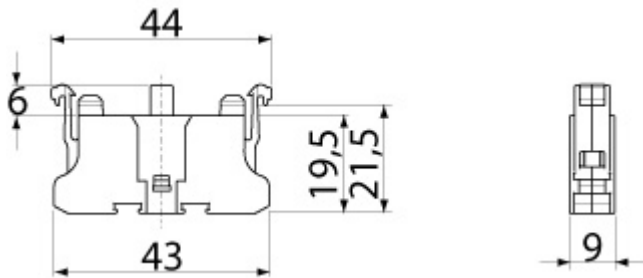
Code: m\_rdtp01\_en

**EAC certification** (ru) 779 kB, 05.10.2015

Code: q\_6043p17\_ru

## Images

---



Dimensional drawing (basic component)

---

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

The data and values have been checked thoroughly. Technical modifications and errors excepted.

Generiert am 13.02.2019 - 12:48:01h Kasbase 3.3.0.F.64I