

Datasheet - RF03



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



- Screw connection
- 3-4 (Contact labelling)

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

Ordering details

Product type description	RF03
Article number	101190087
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	3-4
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 0,5, flexible
- Max. Cable section	2,5, rigid 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	3

Ambient conditions

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

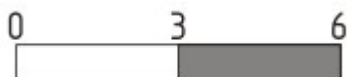
Electrical data

Design of control element	Normally open contact (NO)
Switching principle	Slow action
Number of shutters	1
Number of openers	0
Rated impulse withstand voltage	4
Rated insulation voltage	400
Thermal test current	10 A
Utilisation category	AC-15: 250 V / 6 A 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

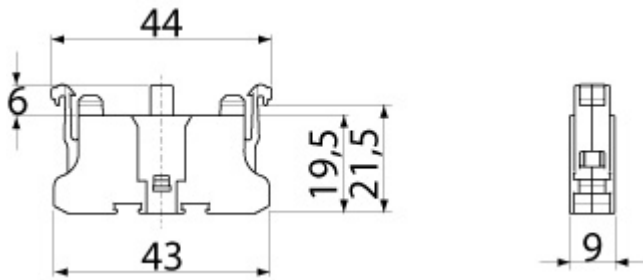
Mounting and wiring instructions (en) 1 MB, 01.12.2011

Code: m_rdtp01_en

EAC certification (ru) 779 kB, 05.10.2015

Code: q_6043p17_ru

Images



Dimensional drawing (basic component)

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

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