2

RAFIX 22 FS, Contact blocks with quick-connect terminals, gold contacts

Pict.: Universal, Au-contact, 2 NC

Pict.: Emergency stop, Au-contact, 1 NC + 1 NO

General data

The contact blocks are inserted into the actuators and latch there permanently. Emergency stop pushbuttons require special contact blocks which you can recognise by the plungers being in the interior. In addition, the emergency stop contact blocks and actuators feature two assembly guides which prevent rotation during assembly. We recommend to choose the LED colour in the same colour as the lens of the actuator in order to ensure satisfactory illumination.

Technical data

**RAFIX
22 FS**

General information	
Lamp	LED-Clip

Dimensions	
Diameter	17.3 mm
Recommended key grid	30 mm
Mounting depth	27 mm

Mechanical design	
Mounting	soldering in PCB
Contact system	bridgecontact self cleaning
Contact materials	Au
Contact arrangement	see order block
NC contact forcibly actuated acc. to IEC 947-5-1	yes
Terminals	quick-connect/solder terminals 2.8 x 0.8 mm
Robustness	100 N

Electrice characteristics acc. to IEC 60947, AC-15, DC-13	
Operating voltage min.	5 V
Operating current min.	1 mA
Rated power max.	250 mW

Other specifications	
Operating life	1 million at 10 mA/24 V DC
Switching reliability at 24V/5mA DC	10×10^{-6}
Approvals acc. to IEC	60947-5-1/-5, 60204, 60073
Approvals, other	cURus (UL + CSA)
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Colour of plunger	see order block
Robustness	acc. to IEC 60947-5-5 (TÜV)
Shock resistance acc. to IEC 600 68-2-27	15 g bei 11 ms amplitude half sinusoidal
Resistance to vibrations acc. to IEC 600 68-2-6	5 g at 10 ... 500 Hz
Resistance to constant environment	IEC 600 68-2-3 und 2-30
Restistance at variable environment	IEC 600 68-2-14 und 2-33
Salt spray	IEC 600 68-2-11
Colour of housing	grey

Typical accessories RAFIX 22 FS contact blocks

Discription	Photo	Order no.	Additional acces-sories see page
LED-Clip, LED red		5.05.511.359/0300	38
LED-Clip, LED blue		5.05.511.359/0600	38
LED-Clip, LED green		5.05.511.359/0500	38
LED-Clip, LED white		5.05.511.359/0200	38
LED-Clip, LED yellow		5.05.511.359/0400	38

For additional accessories, refer to the chapter "RAFIX 22 FS special accessories".

2

RAFIX 22 FS contact blocks with quick-connect terminals

Pict.: Universal, Au-contact, 2 NC   Pict.: Universal, Au-contact, 2 NO   Pict.: Universal, Au-contact, 1 NC + 1 NO   Pict.: Emergency stop, Au-contact, 2 NC

RAFIX
22 FS

Contact arrangement	Type	Colour of housing	Colour of plunger	Order no.
1 NC	Universal	grey	red	**1.20.126.101/0000**
1 NO	Universal	grey	green	**1.20.126.102/0000**
1 NC + 1 NO	Universal	grey	red and green	**1.20.126.103/0000**
2 NC	Universal	grey	red	**1.20.126.104/0000**
2 NO	Universal	grey	green	**1.20.126.105/0000**
1 NC	Emergency stop	grey	red	**1.20.126.501/0000**
1 NC + 1 NO	Emergency stop	grey	yellow	**1.20.126.503/0000**
2 NC	Emergency stop	grey	red	**1.20.126.504/0000**

Caution: Emergency stop contact blocks can only be used with emergency stop pushbuttons. Universal contact blocks are not suitable for emergency stop pushbuttons.