

RAFIX 22 FS⁺ - Universal contact block, silver contacts, 1 NC, 1 NO

1.20.126.204/9000



General information

Lamp optional SMT LED

Mechanical design

Mounting soldering in PCB
 Contact system bridge-contact self cleaning
 Contact materials Ag
 Contact arrangement 2 NC
 NC contact forcibly actuated acc. to IEC 60947-5-1 yes
 Terminals THT solder terminals with locating lug

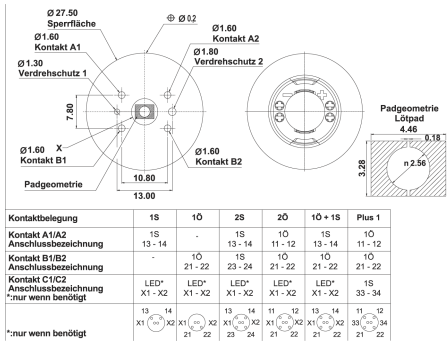
Electrical characteristics acc. to IEC 60947, AC-15, DC-13

Rated insulation voltage AC / DC 250 V
 Rated peak voltage 2500 V
 Rated operating current I_E, AC15 B300 3 A / 120 V; 1.5 A / 240 V; I_{the}: 5 A
 Rated operating current I_E, DC13 Q300 550 mA / 120 V; 270 mA / 240 V; I_{the}: 2.5 A
 Max. fuse protection microfuse 5 x 20 mm, 6.3 A, inert

Other specifications

Operating life at 250V / 1A 1,000,000
 B10 at 250V / 1A 1,300,000
 Operating life at 250V / 2A 100,000
 B10 at 250V / 2A 130,000
 Operating life at 250V / 4A 30,000
 B10 at 250V / 4A 40,000
 Switching reliability at 24V / 5mA DC 10 x 10⁻⁶
 Ambient temp. operating max. +85 °C
 Ambient temp. operating min. -40 °C
 Storage temperature min. -40 °C
 Storage temperature max. +85 °C
 Color of plunger red
 Robustness acc. to IEC 60947-5-5 (TÜV)
 Shock resistance acc. to IEC 60068-2-27 50 g at 11 ms, amplitude half sinusoidal
 Resistance to vibrations acc. to IEC 60068-2-6 5 g at 10 ... 500 Hz
 Environmental resistance acc. to IEC 60068-2-14, -30, -33 and -78
 Solderability / solder heat resistance DIN EN 60068-2-20

Solder techniques	wave solder bath / manual soldering
Flame class acc. to UL 94	V 0
Hot wire ignition acc. to IEC 60695-2-1	yes
Color of housing	black
ROHS compliant	yes
REACH compliant	yes



Kontaktbelegung	1S	10	2S	20	10 + 1S	Plus 1
Kontakt A1/A2	1S	-	1S	10	1S	10
Anschlussbezeichnung	13 - 14	-	13 - 14	11 - 12	13 - 14	11 - 12
Kontakt B1/B2	-	10	1S	10	10	10
Anschlussbezeichnung	-	21 - 22	23 - 24	21 - 22	21 - 22	21 - 22
Kontakt C1/C2	LED*	LED*	LED*	LED*	LED*	1S
Anschlussbezeichnung	X1 - X2	X1 - X2	X1 - X2	X1 - X2	X1 - X2	33 - 34
*nur wenn benötigt	13 14 X1 X2	13 14 X1 X2	11 12 X1 X2	13 14 X1 X2	11 12 X1 X2	33 34 X1 X2

