

RAFIX 22 FS⁺ - Universal contact block, silver contacts, 1 NC, 1 NO
1.20.126.203/0000

General information

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| Lamp optional | THT LED |
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Mechanical design

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| Mounting | soldering in PCB |
| Contact system | bridge-contact self cleaning |
| Contact materials | Ag |
| Contact arrangement | 1 NC + 1 NO |
| 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

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| 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

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| 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 and green |
| 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 |

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|---|-------------------------------------|
| 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 |

