



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**RAFIX 22 FS⁺ - Contact block with quick-connect terminals,
silver contacts**
1.20.126.303/9000



General information

| | |
|---------------|----------|
| Lamp optional | LED-Clip |
|---------------|----------|

Mechanical design

| | |
|--|--------------------------------------|
| Mounting | snap on actuator |
| 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 | quick connect terminals 2.8 x 0.5 mm |

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 and green |
| Robustness | acc. to IEC 60947-5-5 (TÜV) |
| Shock resistance acc. to IEC 60068-2-27 | 15 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 |
| 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 |



| Schaltelement mit LED-Clip (Sicht von unten) | | Schaltelement "Plus 1" (Sicht von unten) | | | | |
|---|--|--|---------|---------|---------|--|
| | Kontakt C1 Kontakt A2 Kontakt B2 Kontakt C2 | Kontakt C1 Kontakt A1 Kontakt B1 Kontakt C2 | | | | |
| 1S | 10 | 2S | 20 | 10 + 1S | Plus 1 | |
| 1S | - | 1S | 10 | 1S | 10 | |
| 13-14 | 13-14 | 11-12 | 13-14 | 11-12 | 11-12 | |
| 10 | 1S | 10 | 10 | 10 | 10 | |
| 21-22 | 23-24 | 21-22 | 21-22 | 21-22 | 21-22 | |
| LED* | LED* | LED* | LED* | LED* | 1S | |
| X1 - X2 | X1 - X2 | X1 - X2 | X1 - X2 | X1 - X2 | 33 - 34 | |