



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**RAFIX 22 FS<sup>+</sup> - Contact block with quick-connect terminals,  
silver contacts**  
**1.20.126.301/9000**



#### General information

Lamp optional	LED-Clip
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#### Mechanical design

Mounting	snap on actuator
Contact system	bridge-contact self cleaning
Contact materials	Ag
Contact arrangement	1 NC
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 <sub>E</sub> , AC15 B300	3 A / 120 V; 1.5 A / 240 V; I <sub>the</sub> : 5 A
Rated operating current I <sub>E</sub> , DC13 Q300	550 mA / 120 V; 270 mA / 240 V; I <sub>the</sub> : 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 <sup>-6</sup>
Ambient temp. operating min.	-40 °C
Ambient temp. operating max.	+85 °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	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)	
	1S 10 2S 20 10 + 1S Plus 1		Kontakt C1 Kontakt A1 Kontakt B1 Kontakt C2 Kontakt B2 Kontakt A2
1S 10 2S 20 10 + 1S Plus 1	1S 10 1S 10 1S 10	1S 10 1S 10 1S 10	13-14 11-12 13-14 11-12 13-14 11-12
1S 10 2S 20 10 + 1S Plus 1	10 1S 10 10 10	10 1S 10 10 10	21-22 23-24 21-22 21-22 21-22
1S 10 2S 20 10 + 1S Plus 1	LED* LED* LED* LED* LED* 1S	LED* LED* LED* LED* LED* 1S	X1-X2 X1-X2 X1-X2 X1-X2 X1-X2 33-34