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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 $^{\scriptscriptstyle +}$ - Contact block with quick-connect terminals, gold contacts

## 1.20.126.505/9000



Lemp optional       LED-Clip         Mechanical design       Mounting       snap on actuator         Contact system       bridge-contact self cleaning         Contact materials       Au         Contact forcibly actuated acc. to IEC 60947-5-1       yes         Terminals       quick connect terminals 2.8 x 0.5 mm mm         Electrical characteristics       yes         Operating voltage min.       5 V         Operating voltage max.       35 V         Operating current min.       1 mA         Operating current max.       100 mA         Rated power max.       250 mW         Other specifications       Operating life at 10 mA / 24V DC         B10       1,300,000         Switching reliability at 5mA / 24V DC       10 x 10-6         Ambient temp. operating min.       -40 °C         Storage temperature max.       +85 °C         Storage temperature min.       -40 °C         Storage temperature max.       +85 °C         Color of plunger       green         Robustness       acc. to IEC 60068-2-7       15 g at 11 ms, amplitude half sinusoidal         Resistance to vibrations acc. to IEC 60068-2-6       5 g at 10 500 Hz         Environmental restistance       acc. to IEC 60068-2-14, -30, -33 and -78     <	General information	
Mounting         snap on actuator           Contact system         bridge-contact self cleaning           Contact materials         Au           NC contact forcibly actuated acc. to IEC 60947-5-1         yes           Terminals         quick connect terminals 2.8 x 0.5 mm mm           Electrical characteristics           Operating voltage min.         5 V           Operating voltage max.         35 V           Operating current min.         1 mA           Operating current max.         100 mA           Rated power max.         250 mW           Other specifications           Operating life at 10 mA / 24V DC         1,000,000           B10         1,300,000           Switching reliability at 5mA / 24V DC         10 x 10 <sup>-6</sup> Ambient temp. operating min.         -40 °C           Storage temperature max.         +85 °C           Storage temperature min.         -40 °C           Storage temperature max.         +85 °C           Color of plunger         green           Robustness         acc. to IEC 60068-2-5 (TÜV)           Shock resistance acc. to IEC 60068-2-6         5 g at 11 ms, amplitude half sinusoidal           Resistance to vibrations acc. to IEC 60068-2-6         5 g at 10 500 Hz <t< td=""><td>Lamp optional</td><td>LED-Clip</td></t<>	Lamp optional	LED-Clip
Mounting         snap on actuator           Contact system         bridge-contact self cleaning           Contact materials         Au           NC contact forcibly actuated acc. to IEC 60947-5-1         yes           Terminals         quick connect terminals 2.8 x 0.5 mm mm           Electrical characteristics           Operating voltage min.         5 V           Operating voltage max.         35 V           Operating current min.         1 mA           Operating current max.         100 mA           Rated power max.         250 mW           Other specifications           Operating life at 10 mA / 24V DC         1,000,000           B10         1,300,000           Switching reliability at 5mA / 24V DC         10 x 10 <sup>-6</sup> Ambient temp. operating min.         -40 °C           Storage temperature max.         +85 °C           Storage temperature min.         -40 °C           Storage temperature max.         +85 °C           Color of plunger         green           Robustness         acc. to IEC 60068-2-5 (TÜV)           Shock resistance acc. to IEC 60068-2-6         5 g at 11 ms, amplitude half sinusoidal           Resistance to vibrations acc. to IEC 60068-2-6         5 g at 10 ms, 500 Hz <t< td=""><td></td><td></td></t<>		
Contact system bridge-contact self cleaning  Contact materials Au  Contact arrangement 2 NO  NC contact forcibly actuated acc. to IEC 60947-5-1  Terminals quick connect terminals 2.8 x 0.5 mm mm  Electrical characteristics  Operating voltage min. 5 V  Operating voltage max. 35 V  Operating current min. 1 mA  Operating current max. 100 mA  Rated power max. 250 mW  Other specifications  Operating life at 10 mA / 24V DC 1,000,000  B10 1,300,000  Switching reliability at 5mA / 24V DC 10 x 10 °6  Ambient temp. operating min. 40 °C  Storage temperature max. +85 °C  Storage temperature max. +85 °C  Color of plunger  Robustness acc. to IEC 60068-2-7 15 g at 11 ms, amplitude half sinusoidal  Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Groven Terminals  Au  Au  Au  Au  Au  Au  Au  Au  Au  A		
Contact materials  Contact arrangement  2 NO  NC contact forcibly actuated acc. to IEC 60947-5-1  yes  Terminals  quick connect terminals 2.8 x 0.5 mm mm  Electrical characteristics  Operating voltage min.  5 V  Operating voltage max.  35 V  Operating current min.  1 mA  Operating current max.  100 mA  Rated power max.  250 mW  Other specifications  Operating life at 10 mA / 24V DC  1,000,000  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10 <sup>-6</sup> Ambient temp. operating min.  40 °C  Storage temperature max.  Storage temperature max.  485 °C  Storage temperature max.  5 oc to IEC 60068-2-5 (TÜV)  Shock resistance acc. to IEC 60068-2-7  15 g at 11 ms, amplitude half sinusoidal  Resistance to vibrations acc. to IEC 60068-2-6  5 g at 10 500 Hz  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing		
Contact arrangement         2 NO           NC contact forcibly actuated acc. to IEC 60947-5-1         yes           Terminals         quick connect terminals 2.8 x 0.5 mm mm           Electrical characteristics         Operating voltage min.           Operating voltage max.         35 V           Operating current min.         1 mA           Operating current max.         100 mA           Rated power max.         250 mW           Other specifications         0 1,000,000           Operating life at 10 mA / 24V DC         1,000,000           B10         1,300,000           Switching reliability at 5mA / 24V DC         10 x 10 <sup>-6</sup> Ambient temp. operating min.         -40 °C           Storage temperature max.         +85 °C           Storage temperature min.         -40 °C           Storage temperature max.         +85 °C           Color of plunger         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 restistance         acc. to IEC 60068-2-14, -30, -33 and -78           Color of housing         grey		
NC contact forcibly actuated acc. to IEC 60947-5-1  Terminals quick connect terminals 2.8 x 0.5 mm mm  Electrical characteristics  Operating voltage min. Operating voltage max. Operating current min. 1 mA Operating current max. 100 mA Rated power max. 250 mW  Other specifications Operating life at 10 mA / 24V DC 1,000,000  B10 1,300,000 Switching reliability at 5mA / 24V DC 10 x 10 <sup>-6</sup> Ambient temp. operating min. 40 °C Storage temperature max. Storage temperature min. 40 °C Storage temperature max. +85 °C Color of plunger Robustness acc. to IEC 60068-2-7 15 g at 11 ms, amplitude half sinusoidal Resistance to vibrations acc. to IEC 60068-2-6 Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Color of housing		<del></del>
Electrical characteristics         guick connect terminals 2.8 x 0.5 mm mm           Operating voltage min.         5 V           Operating voltage max.         35 V           Operating current min.         1 mA           Operating current max.         100 mA           Rated power max.         250 mW           Other specifications         0 perating life at 10 mA / 24V DC           Operating life at 10 mA / 24V DC         1,000,000           Bilo         1,300,000           Switching reliability at 5mA / 24V DC         10 x 10 °6           Ambient temp. operating min.         -40 °C           Storage temperature max.         +85 °C           Storage temperature max.         +85 °C           Color of plunger         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 restistance         acc. to IEC 60068-2-14, -30, -33 and -78           Color of housing         grey		2 NO
Electrical characteristics  Operating voltage min.  Operating voltage max.  Operating current min.  I mA  Operating current max.  100 mA  Rated power max.  Operating life at 10 mA / 24V DC  B10  T,300,000  Switching reliability at 5mA / 24V DC  Ambient temp. operating min.  40 °C  Storage temperature max.  Storage temperature min.  40 °C  Storage temperature max.  Storage temperature max.  Color of plunger  Robustness  acc. to IEC 60068-2-27  B1 g at 11 ms, amplitude half sinusoidal  Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance  Golor of housing  grey		yes
Operating voltage min.  Operating voltage max.  Operating current min.  Operating current max.  100 mA  Rated power max.  250 mW   Other specifications  Operating life at 10 mA / 24V DC  B10  1,000,000  Switching reliability at 5mA / 24V DC  Ambient temp. operating min.  40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-6  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing  grey	Terminals	quick connect terminals 2.8 x 0.5 mm mm
Operating voltage min.  Operating voltage max.  Operating current min.  1 mA  Operating current max.  100 mA  Rated power max.  250 mW   Other specifications  Operating life at 10 mA / 24V DC  1,000,000  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10°6  Ambient temp. operating min.  40°C  Storage temperature max.  +85°C  Storage temperature min.  -40°C  Storage temperature min.  -40°C  Storage temperature max.  +85°C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-7  Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing  grey	Electrical characteristics	
Operating voltage max.  Operating current min.  1 mA  Operating current max.  100 mA  Rated power max.  250 mW   Other specifications  Operating life at 10 mA / 24V DC  1,000,000  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10 <sup>-6</sup> Ambient temp. operating min.  -40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-6  5 g at 10 500 Hz  Environmental restistance  Color of housing  grey		EV
Operating current min.  Operating current max.  Rated power max.  250 mW   Other specifications  Operating life at 10 mA / 24V DC  1,000,000  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10-6  Ambient temp. operating min.  40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-6  5 g at 10 500 Hz  Environmental restistance  Color of housing  grey		
Operating current max.  Rated power max.  250 mW   Other specifications  Operating life at 10 mA / 24V DC  1,000,000  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10 <sup>-6</sup> Ambient temp. operating min.  -40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  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 restistance  Color of housing  grey		
Rated power max.250 mWOther specificationsOperating life at 10 mA / 24V DC1,000,000B101,300,000Switching reliability at 5mA / 24V DC10 x 10-6Ambient temp. operating min40 °CStorage temperature max.+85 °CStorage temperature min40 °CStorage temperature max.+85 °CColor of plungergreenRobustnessacc. to IEC 60947-5-5 (TÜV)Shock resistance acc. to IEC 60068-2-2715 g at 11 ms, amplitude half sinusoidalResistance to vibrations acc. to IEC 60068-2-65 g at 10 500 HzEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Color of housinggrey		
Other specifications Operating life at 10 mA / 24V DC B10 1,300,000 Switching reliability at 5mA / 24V DC 10 x 10 <sup>-6</sup> Ambient temp. operating min40 °C Storage temperature max. +85 °C Storage temperature min40 °C Storage temperature max. +85 °C Color of plunger  Robustness acc. to IEC 60947-5-5 (TÜV) Shock resistance acc. to IEC 60068-2-7 15 g at 11 ms, amplitude half sinusoidal Resistance to vibrations acc. to IEC 60068-2-6 5 g at 10 500 Hz Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Color of housing	· · ·	
Operating life at 10 mA / 24V DC  B10  1,300,000  Switching reliability at 5mA / 24V DC  10 x 10-6  Ambient temp. operating min.  -40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-7  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing  grey	Rated power max.	250 mvv
B10 Switching reliability at 5mA / 24V DC 10 x 10 <sup>-6</sup> Ambient temp. operating min40 °C Storage temperature max. +85 °C Storage temperature min40 °C Storage temperature max. +85 °C Color of plunger  Robustness acc. to IEC 60947-5-5 (TÜV) Shock resistance acc. to IEC 60068-2-7 15 g at 11 ms, amplitude half sinusoidal Resistance to vibrations acc. to IEC 60068-2-6 5 g at 10 500 Hz Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Color of housing grey	Other specifications	
Switching reliability at 5mA / 24V DC  Ambient temp. operating min.  Storage temperature max.  Storage temperature min.  Storage temperature min.  -40 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  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  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing  grey	Operating life at 10 mA / 24V DC	1,000,000
Ambient temp. operating min.  -40 °C  Storage temperature max.  +85 °C  Storage temperature min.  -40 °C  Storage temperature min.  -40 °C  Storage temperature max.  +85 °C  Color of plunger  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 restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing  grey	B10	1,300,000
Storage temperature max.  Storage temperature min.  Storage temperature min.  Storage temperature max.  +85 °C  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-27  Storage temperature max.  185 °C  185 °C	Switching reliability at 5mA / 24V DC	10 x 10 <sup>-6</sup>
Storage temperature min.  Storage temperature max.  +85 °C  Color of plunger  Robustness  acc. to IEC 60947-5-5 (TÜV)  Shock resistance acc. to IEC 60068-2-27  Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance  Color of housing  -40 °C  +85 °C  green  3cc. to IEC 60947-5-5 (TÜV)  15 g at 11 ms, amplitude half sinusoidal  5 g at 10 500 Hz  acc. to IEC 60068-2-14, -30, -33 and -78  grey	Ambient temp. operating min.	-40 °C
Storage temperature max. +85 °C  Color of plunger 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 restistance acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing grey	Storage temperature max.	+85 °C
Color of plunger  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  Environmental restistance  Color of housing  green  15 g at 10 500 Hz  acc. to IEC 60068-2-14, -30, -33 and -78  grey	Storage temperature min.	-40 °C
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 restistance acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing grey	Storage temperature max.	+85 °C
Shock resistance acc. to IEC 60068-2-27  Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance  Color of housing  15 g at 11 ms, amplitude half sinusoidal  5 g at 10 500 Hz  acc. to IEC 60068-2-14, -30, -33 and -78  grey	Color of plunger	green
Resistance to vibrations acc. to IEC 60068-2-6  Environmental restistance  Color of housing  5 g at 10 500 Hz  acc. to IEC 60068-2-14, -30, -33 and -78  grey	Robustness	acc. to IEC 60947-5-5 (TÜV)
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Color of housing grey	Shock resistance acc. to IEC 60068-2-27	15 g at 11 ms, amplitude half sinusoidal
Color of housing grey	Resistance to vibrations acc. to IEC 60068-2-6	5 g at 10 500 Hz
	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
ROHS compliant ves	Color of housing	grey
rearie compliant	ROHS compliant	yes
REACH compliant yes	REACH compliant	yes









