



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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## E-Box modular - contact modules for standard applications

### 5.00.100.234/0100



#### General information

|                      |                |
|----------------------|----------------|
| Lamp optional        | LED            |
| E-Box contact module | contact module |
| RAFIX 22 FS          | Universal      |
| Contact material     | gold           |
| Contacts             | 1 NC + NO      |
| LED / color          | none           |

#### Mechanical design

|  |                |
|--|----------------|
| Contact system                                     | bridge-contact |
| Contact materials                                  | Au             |
| Contact arrangement                                | 1 NC + 1 NO    |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes            |
| Robustness   | 100 N          |

#### Electrical characteristics

|                              |        |
|------------------------------|--------|
| Operating voltage AC/DC min. | 5 V    |
| Operating voltage AC/DC max. | 35 V   |
| Operating current AC/DC min. | 1 mA   |
| Operating current AC/DC max. | 100 mA |
| Rated power max.             | 250 mW |

#### Other specifications

|  |  |
|--|--|
| Operating life at 10 mA/24 V DC                | 1,000,000                                |
| Switching reliability at 24V/5mA DC            | $10 \times 10^{-6}$                      |
| Storage temperature min.                       | -40 °C                                   |
| Ambient temp. operating max.                   | +70 °C                                   |
| Ambient temp. operating min.                   | -25 °C                                   |
| Storage temperature max.                       | +80                                      |
| 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 |
| Type   | Universal                                |
| ROHS compliant                                 | yes                                      |
| REACH compliant                                | yes                                      |