

E-Box modular - contact modules for standard applications

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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	10×10^{-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