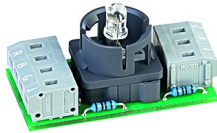


CTFS_24RGB

30.06.2021

Contact block, momentary, incl. RGB LED

General Data

Type reference	CTFS_24RGB
Description	Snap-action contact block with detent collar and RGB pilot light on FR4 PCB
Approvals	cCSAus, CE, cURus, UKCA
Contact type	1 inverter
Degree of protection	IP00
Operation travel	3 mm
Connection type	4-pole spring-type terminal (RGB LED); 3-pole spring-type terminal (Tastkontaktgeber)
Contact material	gold-plated 1.5µm
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-25°C ... 65°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million switching cycles at rated load
Contact resistance NO	< 50 mOhm (new state)
Contact resistance NC	< 100 mOhm (new state)
Min. current	1 mA (under laboratory conditions)
Bouncing time NO	< 10ms
Bouncing time NC	< 10ms

Technical Data - Lamp

Lamp socket	none, with integrated 3 mm RGB LED (common cathode), with protective diode in series
Max. lamp voltage	24 V DC (+10%)
Max. lamp output	max. 14 mA per colour (at 24 V DC)

Electrical features

Rated voltage	20 mV ... 48 V AC/DC
Rated current	0.01 mA ... 100 mA
Mounting position	any



Stripping length

9 mm

Note

Material PCB: FR4
Dimensions: 47 mm x 22 mm
Contact block: CTPF

Stripping length: 9 mm
Wire cross-section, single wire rigid: 0.5 mm² - 2.5 mm²
Cable cross-section with ferrule: 0.25 mm² - 1 mm²

1: common change-over contact CTPF
2: NO contact
4: NC contact
R: +24V operating voltage red LED
G: +24V operating voltage green LED
B: +24V operating voltage blue LED
L: mass symbol : common mass for LEDs

Data cc. to UL508/ CSA 22.2 No. 14-18

Ratings

0 – 48 V ac/ dc, 100 mA non inductive

