



CTLF

28.03.2014

Illuminated contact block, momentary



General Data	
Type reference	CTLF
Description	Illuminated snap-action contact block
Approvals	CCC, cCSAus, CE, cURus, DNVGL, UKCA
Contact type	1 inverter
Degree of protection	IPOO
Operation travel	3 mm
Connection type	Faston terminals 2.8 x 0.8 mm
Contact material	gold-plated 1.5µm
Max. storage temperature	-50°C 85°C
Max. operating temperature	-30°C 70°C, without illumination -30°C 55°C, using incandescent lamps -30°C 65°C, using LEDs
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)
Bouncing time NO	< 10ms
Bouncing time NC	< 10ms

Technical Data - Lamp		
Lamp socket	Т5,5К	
Max. lamp voltage	60 V	
Max. lamp output	1.2 W	
Definition	X1anode, X2cathode	

Electrical features

Rated voltage

Rated current

20 mV ... 48 V AC/DC

0.01 mA ... 100 mA

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Electrical data acc. 1	to EN 61058-1 "r	nicro disconnection", µ

Rated voltage	250 V~
Rated current	max. 100 mA
Contact opening distance	< 3 mm (µ)
Creepage resistance	II / PTI 400V
Insulation resistance	> 100 MOhm/500 V
Test voltage	500 V (61058-1 Tab.12)
Pollution degree	2
Electrical life (additional test)	50000

Note

The applicability of the "micro disconnection" (µ) acc. to EN 61058-1 is regulated in the relative product standards which have to be observed by the customer (product designer).

Faston terminals 2.8x0.8mm are not suitable for manual soldering.

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

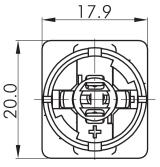
Ratings

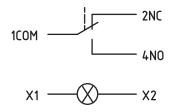
0 – 48 Vac/ dc, 100 mA non inductive

Lamp rating

1.2 W, 60 V max







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