

Illuminated contact block, momentary



General Data

Type reference	CTLF
Description	Illuminated snap-action contact block
Approvals	CCC, cCSAus, CE, cURus, DNV, UKCA
Contact type	1 inverter
Degree of protection	IP00
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	T5,5K
Max. lamp voltage	60 V
Max. lamp output	1.2 W
Definition	X1...anode, X2...cathode

Electrical features

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



Electrical data acc. to EN 61058-1 "micro 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)	50,000

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 V ac/ dc, 100 mA non inductive
Lamp rating	1.2 W, 60 V max

