

CZTLP

17.09.2024

Illuminated contact block, momentary



General Data

Type reference:	CZTLP
Description:	Illuminated snap-action contact block, PCB-mount terminals
Approvals:	CCC, cCSAus, cURus, DNV
Contact type:	1 inverter
Degree of protection:	IP00
Operation travel:	3 mm
Connection type:	PCB-mount terminals
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

Note

Conditional short circuit Iq:	1000 A
Rated impulse withstand voltage Uimp:	0.5 KV
Short circuit means (recommendation):	glass fuse 250 mA, slow (common: 5x20; 6.3x32)

Solder connection: CuZn37 HV150, Ni min. 2µ, SnPb 4µ

Attention:

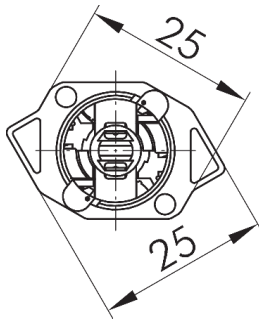
In combination with the membrane pushbutton RRJ*FT*, only the NO contact may be used.

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

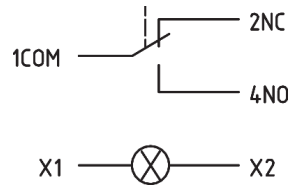
Ratings: 0 – 48 V ac/ dc, 100 mA non inductive

Lamp rating: 1.2 W, 60 V max

Dimensional drawing



Circuit diagram



Drilling pattern

