

CTF

12.01.2015

Contact block, momentary

General Data

Type reference	CTF
Description	Snap-action contact block
Approvals	CCC, cCSAus, CE, cURus, DNVGL, 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
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

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	3
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.

Electrical data acc. to C22.2 No. 14-10

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

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

Ratings	0 – 48 Vac/ dc, 100 mA non inductive
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