

Date: 03.03.2008

Contact Block: BTL5K

General Data

Type reference:	BTL5K
Description:	Illuminated contact block with screw connections
Approvals:	cCSAus, ENEC10, VDE, CE
Nature of contact:	1NC/1NO
Protection class:	II (protective insulation)
Operation travel:	3 mm
Connection type:	screw connection M2.5
Contact material:	AgNi
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 LED's
Mechanical life:	1m operations
Electrical life (rated load):	1m operations
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 20ms

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category:	AC15 B300	DC
Rated insulation voltage U_i :	250 V	300 V
Rated operational voltage U_e :	250 V	250V / 125V / 60V / 24V
Rated operational current I_e :	1.5A	0.2A / 0.4A / 1A / 2A
Breaking capacity:	10Ie	1.1Ie
Continuous thermal current:	6A	6 A

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage U_e :	250 V~
Rated current I_e :	6(4) A

Technical Data - Lamp

Lamp socket:	T5,5K
Max. lamp voltage:	60V
Max. lamp output:	1.2W
Definition:	X1...anode, X2...cathode

- subject to alterations -