ETR2 07.03.2018

Contact block, momentary

General Data	
Type reference	ETR2
Description	Contact block, positive opening contact
Approvals	CCC, CE, cULus, DNVGL, UKCA
Contact type	2 NC + 2 NO
Protection class	II (protective insulation)
Operation travel	6 mm
Connection type	screw connection: min: 1 x 0.5 mm², 2 x 0.5 mm² max: 2 x 2.5 mm²
Contact material	AgNi
Max. storage temperature	-50°C ... 70°C
Max. operating temperature	-30°C ... 70°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	switching cycles: 1 million at 250 V/10(6) A 250,000 at 250 V/16(10) A 500,000 at 250 V/5 A (AC15)
Contact resistance NO	< 20 mOhm (new state)
Contact resistance NC	< 20 mOhm (new state)
Min. current	1 mA
Min. voltage	5 V
Bouncing time NO	< 10ms
Bouncing time NC	< 10ms
Positive opening contact	acc. to EN60947-5-1,appendix K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)		
	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage Ui	400 V	400 V
Rated operating voltage Ue	400 V / 250 V	400 V / 250 V / 125 V / 60 V / 24 V
Rated operating current Ie	3 A / 5 A	0.12 A / 0.2 A / 0.4 A / 1 A / 2 A

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Breaking capacity	10Ie	1,1Ie
Continuous thermal current	10 A	-

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

Rated voltage Ue	250 V~ / 440 V~
Rated current Ie	10(6) A / 6(3) A

General data

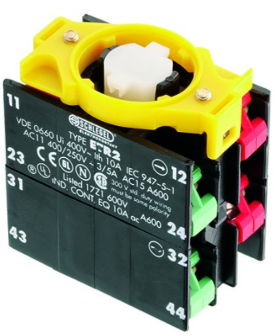
Tightening torque (screw terminal)	0.8...1.0 Nm

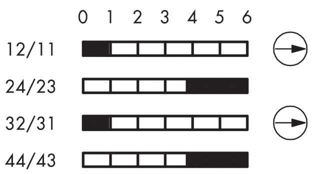
Note

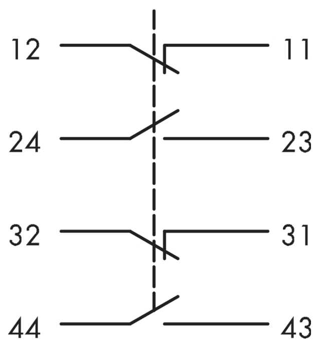
Note for emergency-stop contact blocks:
In case of inverters of the Za form (in terms of EN 60947-5-1), only the NC contact must be used for the remotely controlled safety circuit.

Data acc. to UL 60947-5-1/ CSA-C22.2 No. 60947-5-1

Rating	Heavy pilot duty, rated 600 V ac, code A600







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