

DTIV

02.06.2015

Modular contact block, momentary



General Data

Type reference	DTIV
Description	Modular contact block, with cage-clamp technology
Approvals	CCC, ENEC10, VDE, CE, UKCA
Contact type	1 NO early make
Operation travel	6 mm
Connection type	Cage-Clamp 0.08-2.5 mm ²
Contact material	AgNi
Max. storage temperature	-40°C ... 70°C
Max. operating temperature	-25°C ... 55°C, with/without illumination
Mechanical life	1 million switching cycles
Electrical life (rated load)	
Contact resistance NO	< 20 mOhm (new state)
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
Bouncing time NO	< 10ms

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

	alternate current	direct current
Utilisation category	AC15 A600	DC13 Q300
Rated insulation voltage Ui	600 V	400 V
Rated operating voltage Ue	240 V / 120 V / 60 V / 24 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	3 A / 1.9 A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	16 A	-

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

Rated voltage Ue	250 V~ / 400 V~
Rated current Ie	16(10) A / 10(5) A

Electrical features - 5µm gold-plating, type addition ...AU



Switching voltage	20 mV ... 42 V AC/DC
Switching current	1 mA ... 250 mA
Contact resistance (new state)	< 50 mOhm

Additional electrical data

Overvoltage category	II
Pollution degree	3
Glow wire testing	750°C / 850°C

