

MTZU_564

10.01.2024

Modular contact block with enabling function (usable with module holder MHR)

General Data

Type reference	MTZU_564
Description	Modular contact block (positive opening contact), with action point, permissive function
Approvals	CCC, CE, ENEC05, KEMA, TÜV_Süd, UKCA
Contact type	1 permissive contact (1 NC + 1 NO)
Degree of protection	IP20
Operation travel	6 mm
Connection type	screw connection 2x 2.5 mm ²
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-30°C ... 85°C, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LEDs
Mechanical life	300,000 switching cycles
Electrical life (rated load)	> 100.000 switching cycles
Contact resistance NO	< 20 mOhm (new state)
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 U _i	250 V	250 V
Rated operating voltage U _e	240 V	250 V / 125 V / 60 V / 24 V
Rated operating current I _e	3 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I _e	1,1I _e
Continuous thermal current	16 A	-

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

Rated voltage U _e	250 V~
Rated current I _e	16(10) A



Rated impulse voltage	4 kV
Pollution degree	3

General data

Tightening torque (screw terminal)	0.8...1.0 Nm
B10d [cycles]	750,000
Stripping length	9 mm

Note

- contact block for 3-position enabling switch acc. to EN 60947-5-8
- for two-channel version with MHR_5 (2 x MTZU_564 or MTZU + MTZU_564)
- the module holder MHR_3 must not be used for the 2-channel version

Rated actuation force: > 150N

Actuation forces:

- for position 1-2: abt. 7 N
- for position 2-3: abt. 17 N

Conditional short circuit I_q: 1000 A

Max. rated values of the short-circuit protection: SCPD 16A / Char. C

