

**MHW3I**

11.05.2021

**Modular contact**

**General Data**

Type reference	MHW3I
Description	Modular contact block (positive opening contact)
Approvals	CCC, CE, UKCA
Contact type	1 NC + 1 NO + 1 centre contact
Degree of protection	IP20
Operation travel	6 mm
Connection type	screw connection 2x 2.5 mm <sup>2</sup>
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-30°C ... 85°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million switching cycles at rated load
Min. current	1 mA (under laboratory conditions)
Min. voltage	5 V
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 A600	DC13 Q600
Rated insulation voltage U <sub>i</sub>	600 V	600 V
Rated operating voltage U <sub>e</sub>	240 V / 440 V	440 V / 250 V / 125 V / 60 V / 24 V
Rated operating current I <sub>e</sub>	3 A / 1.6 A	0.12 A / 0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10I <sub>e</sub>	1,1I <sub>e</sub>
Continuous thermal current	16 A	-

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

Rated voltage U <sub>e</sub>	250 V~ / 440 V~
Rated current I <sub>e</sub>	16(10) A / 10(6) A



### General data

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

### Note

- for 3-position actuators with 1 plunger
- one contact is closed in each position
- no overlapping of the contacts

Actuator positions:  
left: contact 1 closed 1.1 - 1.2  
centre: contact 2 closed 3.6 - 3.8  
right: contact 3 closed 2.4 - 2.3

