

**BFIK**

03.05.2021

**Contact block, maintained**



**General Data**

Type reference	BFIK
Description	Contact block with screw connections
Approvals	CCC, cCSAus, DNVGL, ENEC10, VDE, CE, UKCA
Contact type	2 NO
Degree of protection	IP20
Operation travel	3 mm
Connection type	screw connection 2.5 mm <sup>2</sup>
Contact material	AgNi
Max. storage temperature	-50°C ... 85°C
Max. operating temperature	-30°C ... 70°C
Mechanical life	1 million switching cycles
Electrical life (rated load)	1 million operations
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 B300	DC13 Q300
Rated insulation voltage U <sub>i</sub>	250 V	300 V
Rated operating voltage U <sub>e</sub>	250 V	250 V / 125 V / 60 V / 24 V
Rated operating current I <sub>e</sub>	1.5 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	6 A	-

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

Rated voltage U <sub>e</sub>	250 V~
Rated current I <sub>e</sub>	6(4) A



### Additional data

Connection range	0.34 ... 2.5 mm <sup>2</sup>
Tightening torque (screw terminal)	0.4 Nm

### Additional electrical data

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

	alternate current	direct current
Utilisation category	DC13	-
Rated insulation voltage U <sub>i</sub>	-	-
Rated operating voltage U <sub>e</sub>	12 V	-
Rated operating current I <sub>e</sub>	6 A	-
Breaking capacity	1,1I <sub>e</sub>	-
Continuous thermal current	-	-

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

Rated voltage U <sub>e</sub>	12 V DC
Rated current I <sub>e</sub>	6[6] A

