

AF2

29.04.2021

Contact block, maintained

General Data

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|------------------------------|--|
| Type reference | AF2 |
| Description | Contact block, positive opening contact |
| Approvals | CCC, CSA, DNVGL, ENEC10, VDE, CE, UKCA, UR |
| Contact type | 2 NC + 2 NO |
| Degree of protection | IP00 |
| Operation travel | 6 mm |
| Connection type | Faston terminals 2.8 x 0.8 mm |
| 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) |
| Contact resistance NC | < 20 mOhm (new state) |
| Min. current | 1 mA (under laboratory conditions) |
| Min. voltage | 5 V |
| Bouncing time NO | < 10ms |
| Bouncing time NC | < 20ms |
| 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 A300 | DC13 Q300 |
| Rated insulation voltage U_i | 250 V | 300 V |
| Rated operating voltage U_e | 250 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 | 6 A | - |



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

| | |
|------------------------------|--------|
| Rated voltage U _e | 250 V~ |
| Rated current I _e | 6(3) A |

Note

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

Electrical data acc. to C22.2 No. 14-M1987

| | |
|---------|-------------|
| Ratings | 300V AC, 5A |
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Electrical data acc. to UL 508

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|----------------------|---------------------------|
| Rating contact block | 300 V AC max. |
| Rating | Q300; 60Vdc/1A pilot duty |

