

IRF2

28.01.2016

Equipped insulated plastic enclosure with 2 pushbuttons

General Data

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| Type reference | IRF2 |
| Description | Equipped enclosure |
| Approvals | CE, UKCA |
| Contact type | 1 NC + 1 NO (per switching point) |
| Protection class | II (protective insulation) |
| Degree of protection | IP65 |
| Connection type | screw connection 2x 2.5 mm ² |
| Contact material | AgNi |
| Max. storage temperature | -40°C ... 70°C |
| Max. operating temperature | -40°C ... 60°C |
| Mechanical life | 1 million switching cycles |
| Electrical life (rated load) | switching cycles: 1 million at 250 V/10(6) A 250,000 at 250 V/16(10) A 500,000 at 250 V/5 A (AC15) |
| 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 | < 10ms |
| Positive opening contact | acc. to EN60947-5-1, appendix K |
| Material | ABS |

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 | 400 V | 400 V |
| Rated operating voltage U _e | 400 V / 250 V | 400 V / 250 V / 125 V / 60 V / 24 V |
| Rated operating current I _e | 3 A / 5 A | 0.12 A / 0.2 A / 0.4 A / 1 A / 2 A |



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| Breaking capacity | 10Ie | 1,1Ie |
| Continuous thermal current | 10 A | - |

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

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| Rated voltage Ue | 250 V~ / 400 V~ |
| Rated current Ie | 10(6) A / 6(3) A |

Technical data

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| Cable entry | top/ bottom / side, break-through Ø 21 mm, rear break-through Ø 19 mm |
| Weight | approx. 171 g |
| Tightening torque (enclosure screws) | 0.8..1.2 Nm |
| Mounting hole | 4.2 mm |

Note

Insulated Plastic Enclosure
Contact assignment: NO: 23-24
NC: 11-12
Colour of bottom: dark-grey
Colour of cover: light-grey

