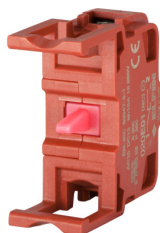


# Datablad

020E01

Contactelement N.C.



## Kenmerken

|                     |                       |
|---------------------|-----------------------|
| <b>Bereik</b>       | Contactelementen      |
| <b>Component</b>    | Contactelementen N.C. |
| <b>Rubriek</b>      | 020E01                |
| <b>Omschrijving</b> | Contactelement N.C.   |
| <b>Kleur</b>        | Rosso                 |
| <b>Gewicht</b>      | 11,1                  |
| <b>Douanetarief</b> | 85365080              |
| <b>GTIN</b>         | 8052878003890         |

## Technische gegevens

|  |   |
|--|---|
| <b>Approvals</b>                         | CE, UL, CSA   |
| <b>Compliance with standards</b>         | IEC-EN60947-1, IEC-EN60947-5-1, UL508, CSA C22-2                    |
| <b>Compliance with standards</b>         | UNI CEI EN 45545-2, CEI EN 61373                                    |
| <b>Operating temperatures</b>            | -40° ÷ +70°C  |
| <b>Environmental operating values</b>    | +25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)                        |
| <b>Protection degree</b>                 | IP20 (IEC-EN60529)  |
| <b>Mechanical durability</b>             | 5.000.000 Operations  |
| <b>Shock resistance</b>                  | 30g duration=18ms (EN-IEC 60068-2-27)                               |
| <b>Shock resistance</b>                  | 50g duration=11ms (EN-IEC 60068-2-27)                               |
| <b>Vibration resistance</b>              | 5g f= 2...500Hz (EN-IEC 60068-2-6)                                  |
| <b>Pollution degree for installation</b> | 3   |
| <b>Housing material</b>                  | PA Polyamide  |
| <b>Terminal screw</b>                    | Tightening torque 0.8÷1 Nm (IEC-EN60947-1)                          |
| <b>Terminal screw head shape</b>         | Combined:cross Phillips2 or slotted flat D.5mm max                  |
| <b>Terminal screw material</b>           | Zinc plated steel   |
| <b>Terminal screw connections</b>        | min 1x0.5mm <sup>2</sup> (20AWG) - max 2x2.5mm <sup>2</sup> (14AWG) |
| <b>Cable lugs</b>                        | Fork type "spring spade" for screw M3.5 / W=6.4mm                   |
| <b>Contact material</b>                  | Ag 1000/1000  |
| <b>Contact movement</b>                  | Slow action contact   |
| <b>Contacts</b>                          | Self cleaning by pads creeping                                      |
| <b>NC contact operating travel</b>       | 1.0mm NC change the state - 5mm total                               |

|  |  |
|--|--|
| <b>NCR contact (late opening) operating travel</b> | 2.5mm NCR change the state - 5mm total             |
| <b>NC contacts (all versions)</b>                  | Positive opening function (IEC-EN60947-5-1 ann.K)  |
| <b>NC contacts</b>                                 | Minimum positive opening travel: 1mm               |
| <b>NCR contacts</b>                                | Minimum positive opening travel: 1.9mm             |
| <b>NC contacts (all versions)</b>                  | Minimum force for positive opening: 1.5N           |
| <b>NC contacts (all versions)</b>                  | Total travel including overtravel: 5mm             |
| <b>Operating force (all version)</b>               | 2N   |
| <b>Rated insulation voltage</b>                    | Ui 690V - Uimp 4KV (IEC-EN60947-1)                 |
| <b>Rated thermal current</b>                       | Ith 10A (IEC-EN60947-1)                            |
| <b>Rated conditional short-circuit current</b>     | 1000A (IEC-EN60947-1)                              |
| <b>Short-circuit protective device</b>             | 10A cartridge fuse gG 10x38mm (IEC-EN60947-5-1)    |
| <b>Electrical ratings</b>                          | AC15-DC13 (IEC-EN60947-5-1) - A600-P300 (UL 508)   |
| <b>Electrical reliability</b>                      | <10exp(-8)5mA in clean environment IEC-EN60947-5-4 |
| <b>AC Performances</b>                             | AC 24V-10A, 120V-6A, 240V-3A, 600V-1.2A            |
| <b>DC Performances</b>                             | DC 24V-5A, 120V-1.1A, 240V-0.55A                   |
| <b>Warranty period</b>                             | 18 months  |

# Technische tekeningen

