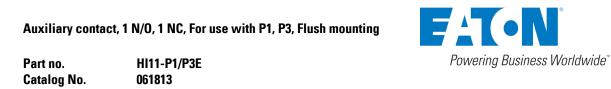
DATASHEET - HI11-P1/P3E



EL-Nummer (Norway)

1456548

Delivery program

| Product range | | | Accessories |
|-----------------------------|----------------|---|---|
| riouuciialige | | | Accessories |
| Basic function | | | Auxiliary contact |
| Part group reference | | | P1 P3 |
| | | | Late-break switching-on behavior, early-make switching-off behavior The N/O is always connected as a load-shedding contact. For left and/or right side mounting |
| Contacts | | | |
| N/O = Normally open | | | 1 N/O |
| N/C = Normally closed | | | 1 NC |
| For use with | | | P1/E,/EA,/EZ P3/E,/EA |
| For use with | | | P1, P3, Flush mounting |
| Rated uninterrupted current | l _u | А | 10 |

Technical data

Auxiliary contacts

| kate γAC VAC Rate VAC 0 Rate u A Acto L A Acto Rate A Acto A A | Auxiliary contacts | | | |
|---|---|----|-----------------|--|
| Rated insultation voltageUVACSoloRated uninterrupted currentuAIRated uninterrupted currentuAIRated uninterrupted currentuAIAC-15230 VIAC-15 with 230 VII-DC-13II-125 VIII250 VIII250 VIII250 VIIIMaximum fuseIIIMaximum fuseIIISolidIIISolidIIIStripping lengthIIIsping lengthII | Standards | | | Control circuit isolator to IEC/EN 60947-5 |
| Atack uninterrupted current Iu A Rated uninterrupted current Iu A Iu Iu< | Rated insulation voltage | Ui | V AC | |
| Rated uninterrupted current Iu A I kated operational current Ie A I AC-15 Ie Ie Ie 230 V Ie A Ie AC-15 with 230 V Ie A Ie DC-13 Ie A Ie 125 V Ie A Ie 260 V Ie A Ie Solut Ie A Ie Solut Ie A Ie Solut Ie A Ie Ie Solut Ie Ie Ie Ie | Rated insulation voltage | Ui | V AC | 500 |
| Ac-15 Image: Ac-15 AC-15 Image: Ac-15 Z30 V Image: Ac-15 AC-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-15 Image: Ac-15 with 230 V Image: Ac-16 Image: Ac-16 with 230 V Image: Ac-16 Image: Ac-17 with 240 V Image: Ac-16 Image: Ac-16 Image: Ac-16 Image: Ac-17 with 16 with | Rated uninterrupted current | lu | А | |
| AC-15Image: Marcine in the second | Rated uninterrupted current | lu | Α | 10 |
| 230 V Indext of the second s | Rated operational current | le | Α | |
| AC-15 with 230 V Ie A DC-13 Ie | AC-15 | | | |
| Point Point <th< td=""><td>230 V</td><td>le</td><td>А</td><td></td></th<> | 230 V | le | А | |
| 125 V Ie A 1.1 250 V Ie A 0.55 Short-circuit rating Immage A g6/a Immage Maximum fuse Immage Immage Immage Solid Immage Immage Immage Solid Immage Immage Immage Stripping length Immage Immage Immage Tightening torque Immage Immage Immage Soutrol circuit reliability at 24 VDC, 10 mA Fault HF <10-5, < 1 failure in 100000 operations | AC-15 with 230 V | le | А | 6 |
| Zo V Ie A Description Short-circuit rating F F F Maximum fuse A gG/gL 10 F Ferminal capacities mm ² F F Solid mm ² x 0.75 - 2.5 x 0.75 - 1.5 x 0.75 - 2.5 x 0.75 - 1.5 Flexible with ferrules to DIN 46228 mm ² x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 x 0.5 - 1.5 Stripping length mm 5.2 5.2 Tightening torque Feult Feult HE Fourtor circuit reliability at 24 VDC, 10 mA Fault HE <10.5 < 1 failure in 100000 operations | DC-13 | le | | |
| Normalization Normalinstration Normalization Norma | 125 V | le | А | 1.1 |
| Maximum fuse A g6/gL Imm2 | 250 V | le | А | 0.55 |
| Flexible with ferrules to DIN 46228 mm mm Stripping length mm 1x 0.75 - 1.5 2x 0.75 - 1.5 Stripping length mm 1x 0.5 - 1.5 2x 0.75 - 1.5 Stripping length mm 7.5 Scontrol circuit reliability at 24 V DC, 10 mA Fault HF <10-5, <1 failure in 100000 operations | Short-circuit rating | | | |
| Solid mm² 1× 0.75 - 2.5 2× 0.75 - 1.5 Flexible with ferrules to DIN 46228 mm² 1× 0.5 - 1.5 2× 0.5 - 1.5 Stripping length mm² 1× 0.5 - 1.5 2× 0.5 - 1.5 Stripping length mm² 7.5 Control circuit reliability at 24 V DC, 10 mA Fault H _F <10-5, < 1 failure in 100000 operations | Maximum fuse | | A gG/gL | 10 |
| Flexible with ferrules to DIN 46228 mm² 2 x 0.75 - 1.5 Stripping length mm² 1 x 0.5 - 1.5 rightening torque mm² 7.5 Control circuit reliability at 24 V DC, 10 mA Fault H _F <10-5, <1 failure in 100000 operations | Terminal capacities | | mm ² | |
| Stripping length mm 2 x 0.5 - 1.5 ightening torque mm 7.5 Control circuit reliability at 24 V DC, 10 mA Fault HF <10-5, <1 failure in 100000 operations | Solid | | mm ² | |
| Nm Nm Control circuit reliability at 24 V DC, 10 mA Fault H _F < 10-5, < 1 failure in 100000 operations | Flexible with ferrules to DIN 46228 | | mm ² | |
| Control circuit reliability at 24 V DC, 10 mA Fault H _F < 10-5, < 1 failure in 100000 operations | Stripping length | | mm | 7.5 |
| | Tightening torque | | Nm | 1 |
| | Control circuit reliability at 24 V DC, 10 mA | | H _F | < 10-5, < 1 failure in 100000 operations |

Design verification as per IEC/EN 61439

| Technical data for design verification | | | |
|--|-------------------|---|------|
| Rated operational current for specified heat dissipation | In | А | 6 |
| Heat dissipation per pole, current-dependent | P _{vid} | W | 0.11 |
| Equipment heat dissipation, current-dependent | P _{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P _{vs} | W | 0 |
| Heat dissipation capacity | P _{diss} | W | 0 |

| Operating ambient temperature min. | °C | -25 |
|--|----|--|
| Operating ambient temperature max. | °C | 50 |
| EC/EN 61439 design verification | | |
| 10.2 Strength of materials and parts | | |
| 10.2.2 Corrosion resistance | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | |
| 10.9.2 Power-frequency electric strength | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 7.0

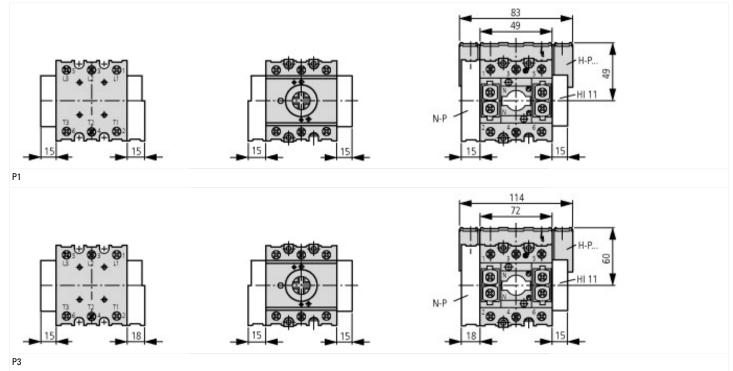
Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013]) | | | |
|---|--|---|------------------|
| Number of contacts as change-over contact | | | 0 |
| Number of contacts as normally open contact | | | 1 |
| Number of contacts as normally closed contact | | | 1 |
| Number of fault-signal switches | | | 0 |
| Rated operation current le at AC-15, 230 V | | А | 6 |
| Type of electric connection | | | Screw connection |
| Model | | | Top mounting |
| Mounting method | | | Side mounting |
| Lamp holder | | | Other |

Approvals

| Product Standards | UL 508; CSA-C22.2 No. 14-05; IEC/EN 60947-5; CE marking |
|-----------------------------|---|
| UL File No. | E36332 |
| UL Category Control No. | NLRV |
| CSA File No. | 12528 |
| CSA Class No. | 3211-05 |
| North America Certification | UL listed, CSA certified |

Dimensions



Additional product information (links)

| Technical overview cam switch, switch-disconnector | http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.2 |
|--|--|
| System overview cam switch T | http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.4 |
| System overview switch-disconnector P | http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.6 |
| Key to part numbers Cam switch | http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8 |
| Key to part numbers Switch-disconnector | http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8 |
| Switches for ATEX | http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html |