

Part no. **NHI-E-10L-PKZ0**
107040

| General specifications | |
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| Product name | Eaton Moeller® series NHI Accessory Standard auxiliary contact |
| Part no. | NHI-E-10L-PKZ0 |
| EAN | 4015081068081 |
| Product Length/Depth | 12 millimetre |
| Product height | 35 millimetre |
| Product width | 45 millimetre |
| Product weight | 0.019 kilogram |
| Compliances | Contact Manufacturer |
| Certifications | CE |
| Product Tradename | NHI |
| Product Type | Accessory |
| Product Sub Type | Standard auxiliary contact |
| Features & Functions | |
| Electric connection type | Screw connection |
| General information | |
| Lifespan, electrical | 100,000 Operations |
| Lifespan, mechanical | 100,000 Operations |
| Model | Top mounting |
| Mounting method | Front fastening |
| Overvoltage category | III |
| Pollution degree | 3 |
| Product category | Accessories |
| Rated impulse withstand voltage (Uimp) | 4000 V AC |
| Climatic environmental conditions | |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 55 °C |
| Terminal capacities | |
| Terminal capacity (solid/flexible with ferrule) | 0.75 - 1.5 mm ² |
| Terminal capacity (solid/stranded AWG) | 18 - 16, Screw terminals |
| Electrical rating | |
| Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V | 1 A |
| Rated operational current (Ie) at DC-13, 24 V | 2 A |
| Rated operational voltage (Ue) at AC - max | 440 V |
| Rated operational voltage (Ue) at DC - max | 250 V |
| Safe isolation | 440 V, Between auxiliary contacts and main contacts, According to EN 61140 |
| Short-circuit protection rating without welding | 10 A gG/gL, Fuse, Auxiliary contacts |
| Communication | |
| Connection type | Screw connection |
| Contacts | |
| Control circuit reliability | < 2 λ, < 1 failure at 100,000,000 Operations (at U# = 24 V DC, Umin = 17 V, Imin = 5.4 mA) |
| Number of contacts (change-over contacts) | 0 |
| Number of contacts (normally closed contacts) | 0 |
| Number of contacts (normally open contacts) | 1 |
| Design verification | |
| Equipment heat dissipation, current-dependent Pvid | 0.013 W |
| Heat dissipation capacity Pdis | 0 W |

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| Heat dissipation per pole, current-dependent Pvid | | | 0.013 W |
| Rated operational current for specified heat dissipation (In) | | | 1 A |
| Static heat dissipation, non-current-dependent Pvs | | | 0 W |
| 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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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. |
| 10.9.2 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 9.0

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| 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@ss13-27-37-13-02 [AKN342018]) | | | |
| Number of contacts as change-over contact | | | 0 |
| Number of contacts as normally open contact | | | 1 |
| Number of contacts as normally closed contact | | | 0 |
| Number of fault-signal switches | | | 0 |
| Rated operation current Ie at AC-15, 230 V | | A | 1 |
| Type of electric connection | | | Screw connection |
| Model | | | Clip-on |
| Mounting method | | | Front fastening |
| Lamp holder | | | None |