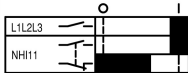
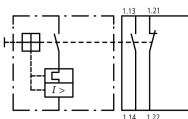


Standard auxiliary contact, 1N/O+1N/C, spring-cage terminals

Part no. **+NHI11-PKZ0-C**
 Catalog No. **232151**
 Alternate Catalog No. **-**

Delivery program

| | | |
|---|--|--|
| Product range | | Accessories |
| Accessories | | Standard auxiliary contact |
| | | Can be retrofitted on the right side of motor-protective circuit-breakers |
| Contacts | | |
| N/O = Normally open | | 1 N/O |
| N/C = Normally closed | | 1 NC |
| Contact diagram | |  |
| Contact sequence | |  |
| Connection technique | | Spring-loaded terminals |
| For use with | | PKZM01 PKZM0 PKZM4 PKZM0-T PKM0 PKE |
| | | When ordered with basic unit |
| Notes | | |
| Can be fitted to the right of motor-protective circuit-breakers, transformer-protective circuit-breakers, motor-protective circuit-breakers for starter combinations. | | |
| Can be combined with: | | |
| AGM, NHI-E... trip-indicating auxiliary contact | | |

Technical data

Auxiliary contacts

| | | | |
|---------------------------|------------|---------------|-------|
| Rated operational current | I_e | A | |
| AC-15 | | | |
| 220 - 240 V | I_e | A | 3.5 |
| Lifespan | | S | |
| Lifespan, mechanical | Operations | $\times 10^6$ | > 0.1 |
| Lifespan, electrical | Operations | $\times 10^6$ | 0.05 |

Rating data for approved types

| | | | |
|-------------|--|--|------|
| Pilot Duty | | | |
| AC operated | | | A600 |
| DC operated | | | Q300 |
| General Use | | | |

| | | |
|----|---|-----|
| AC | V | 600 |
| AC | A | 5 |
| DC | V | 250 |
| DC | A | 1 |

Design verification as per IEC/EN 61439

| | | | |
|--|------------|----|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 3.5 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0.04 |
| 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 | 55 |
| IEC/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. |

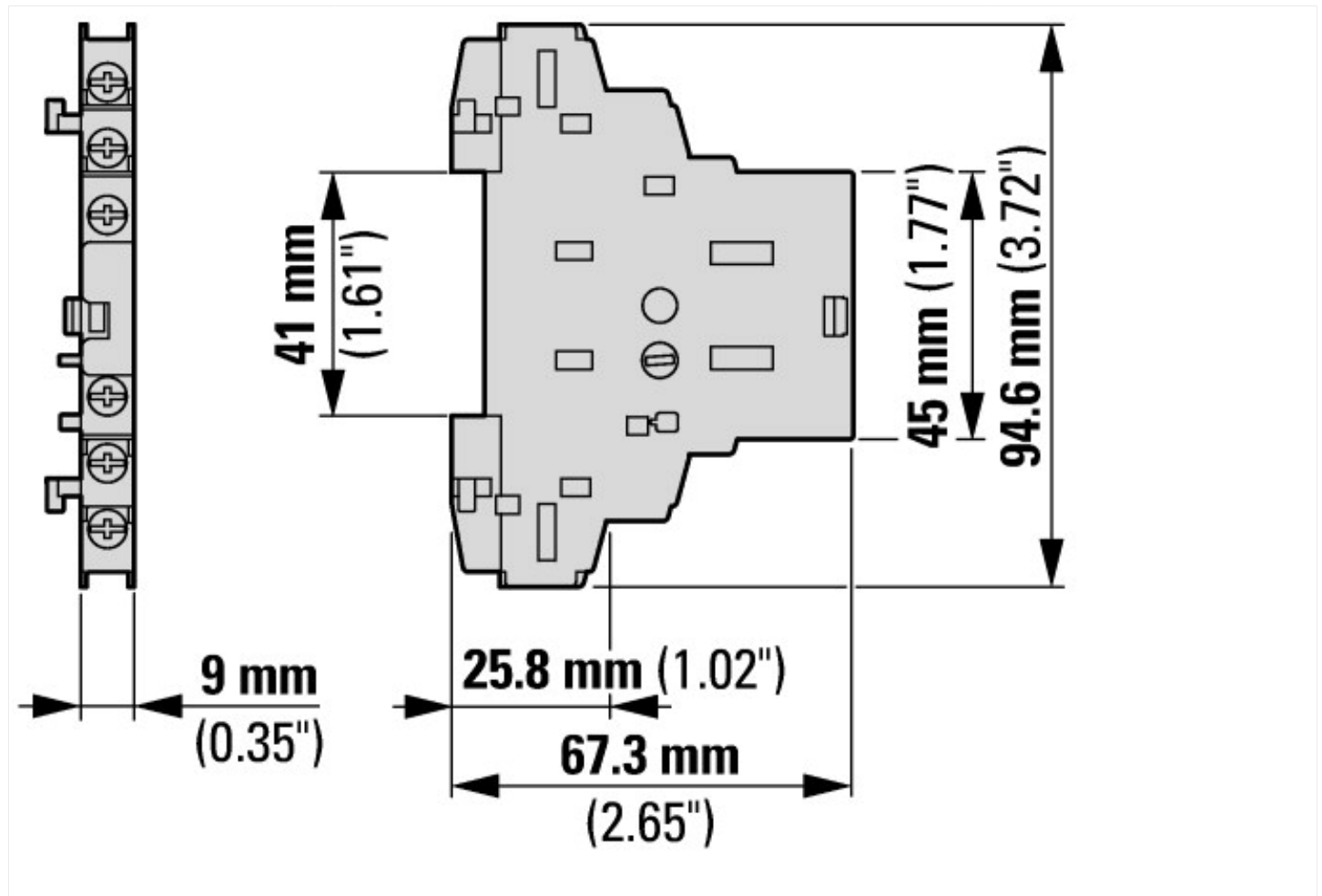
Technical data ETIM 7.0

| | | |
|--|---|-------------------------|
| 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 I_e at AC-15, 230 V | A | 3.5 |
| Type of electric connection | | Spring clamp connection |
| Model | | Top mounting |
| Mounting method | | Side mounting |
| Lamp holder | | None |

Approvals

| | | |
|--------------------------------------|--|--|
| Product Standards | | UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking |
| UL File No. | | E36332 |
| UL Category Control No. | | NLRV |
| CSA File No. | | 165628 |
| CSA Class No. | | 3211-05 |
| North America Certification | | UL listed, CSA certified |
| Specially designed for North America | | No |

Dimensions



Additional product information (links)

| | |
|--|---|
| Motor starters and "Special Purpose Ratings" for the North American market | http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf |
| Busbar Component Adapters for modern Industrial control panels | http://www.moeller.net/binary/ver_techpapers/ver960en.pdf |