

**Standard auxiliary contact, 1 N/O, 1 NC, Can be retrofitted on the right side of motor-protective circuit-breakers, Screw terminals**

**Part no.** NHI11-PKZ0  
**072896**  
**EL Number** 4355131  
**(Norway)**

|  |   |
|--|---|
| Product name   | Eaton Moeller® series NHI Accessory Standard auxiliary contact  |
| Part no.   | NHI11-PKZ0  |
| EAN  | 4015080728962   |
| Product Length/Depth   | 68 millimetre   |
| Product height   | 90 millimetre   |
| Product width  | 15 millimetre   |
| Product weight   | 0.033 kilogram  |
| Certifications   | UL<br>UL Category Control No.: NLRV<br>CE<br>CSA<br>CSA Class No.: 3211-05<br>UL 508<br>CSA-C22.2 No. 14<br>IEC/EN 60947-4-1<br>UL File No.: E36332<br>CSA File No.: 165628 |
| Product Tradename  | NHI   |
| Product Type   | Accessory   |
| Product Sub Type   | Standard auxiliary contact  |
| Catalog Notes  | Can be retrofitted on the right side of motor-protective circuit-breakers   |
| Electric connection type                                     | Screw connection  |
| Features   | Interlocked opposing contacts   |
| Lifespan, electrical   | 50,000 Operations   |
| Model  | Top mounting  |
| Mounting method  | Side mounting   |
| Overvoltage category   | III   |
| Pollution degree   | 3   |
| Product category   | Accessories   |
| Rated impulse withstand voltage (Uimp)                       | 6000 V AC   |
| Used with  | Motor protective circuit-breaker  |
| Ambient operating temperature - min                          | -25 °C  |
| Ambient operating temperature - max                          | 55 °C   |
| Terminal capacity (solid/flexible with ferrule)              | 0.75 - 1.5 mm <sup>2</sup>  |
| Terminal capacity (solid/stranded AWG)                       | 18 - 14, Screw terminals  |
| Rated operational current (Ie)                               | 1 A at AC-15, 440 V 500 V   |
| Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V | 3.5 A   |
| Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V | 2 A   |
| Rated operational current (Ie) at DC-13, 110 V               | 0.5 A   |
| Rated operational current (Ie) at DC-13, 220 V, 230 V        | 0.25 A  |
| Rated operational current (Ie) at DC-13, 24 V                | 2 A   |
| Rated operational current (Ie) at DC-13, 60 V                | 1 A   |
| Rated operational voltage (Ue) at AC - max                   | 500 V   |
| Rated operational voltage (Ue) at DC - max                   | 250 V   |
| Safe isolation   | 440 V, Between auxiliary contacts and main contacts, According to EN 61140  |

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| Short-circuit protection rating without welding                                  |  |  | 10 A gG/gL, Fuse, Auxiliary contacts   |
|  |  |  |  |
| Switching capacity (auxiliary contacts, general use)                             |  |  | 1 A, 250 V DC, (UL/CSA)<br>5 A, 600 V AC, (UL/CSA)   |
| Switching capacity (auxiliary contacts, pilot duty)                              |  |  | Q300, DC operated (UL/CSA)<br>A600, AC operated (UL/CSA)   |
|  |  |  |  |
| Connection type  |  |  | Screw connection   |
|  |  |  |  |
| 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)                                    |  |  | 1  |
| Number of contacts (normally open contacts)                                      |  |  | 1  |
|  |  |  |  |
| Equipment heat dissipation, current-dependent Pvid                               |  |  | 0 W  |
| Heat dissipation capacity Pdis   |  |  | 0 W  |
| Heat dissipation per pole, current-dependent Pvid                                |  |  | 0.04 W   |
| Rated operational current for specified heat dissipation (In)                    |  |  | 3.5 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 8.0

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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 (ecI@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 Ie at AC-15, 230 V   |  | A | 3.5              |
| Type of electric connection  |  |   | Screw connection |
| Model  |  |   | Top mounting     |
| Mounting method  |  |   | Side mounting    |

|             |  |  |      |
|-------------|--|--|------|
| Lamp holder |  |  | None |
|-------------|--|--|------|