# Specyfikacje

## Eaton 082882

Eaton Moeller® series NHI Standard auxiliary contact, NHI-E, 1 N/O, 1 NC, Can be fitted to the front, Screw terminals

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller® series NHI Accessory Standard auxiliary contact |
| **CATALOG NUMBER** | 082882 |
| **EAN** | 4015080828822 |
| **PRODUCT LENGTH/DEPTH** | 12 mm |
| **PRODUCT HEIGHT** | 35 mm |
| **PRODUCT WIDTH** | 45 mm |
| **PRODUCT WEIGHT** | 0.016 kg |
| **CERTIFICATIONS** | CE<br>UL Category Control No.: NLRV<br>CSA<br>CSA-C22.2 No. 14<br>UL File No.: E36332<br>CSA File No.: 165628<br>IEC/EN 60947-4-1<br>UL 508<br>CSA Class No.: 3211-05<br>UL |
| **CATALOG NOTES** | Can be fitted to the front. Terminal designation differs to that of an auxiliary contact that can be fitted to the side |
| **MODEL CODE** | NHI-E-11-PKZ0 |

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## Features & Functions

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| **ELECTRIC CONNECTION TYPE** | Screw connection |

## General

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| **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 |
| **USED WITH** | Motor protective circuit-breaker |

## Climatic environmental conditions

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| **AMBIENT OPERATING TEMPERATURE - MIN** | -25 °C |
| **AMBIENT OPERATING TEMPERATURE - MAX** | 55 °C |

## Terminal capacities

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| **TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)** | 0.75 - 1.5 $mm^2$ |
| **TERMINAL CAPACITY (SOLID/STRANDED AWG)** | 18 - 16, Screw terminals |

## Electrical rating

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| **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 |

## Contacts

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| **NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)** | 0 |
| **NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)** | 1 |
| **NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)** | 1 |

## Design verification

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| **EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID** | 0 W |
| **HEAT DISSIPATION CAPACITY PDISS** | 0 W |
| **HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID** | 0.01 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. |

## Do pobrania

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| **CHARACTERISTIC CURVE** | eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-006.eps |
| **DEKLARACJE ZGODNOŚCI** | DA-DC-00005072.pdf |
| **INSTRUKCJE MONTAŻU** | eaton-front-mounted-auxiliary-contact-nhi-il03801004z.pdf |
| **MODELE ECAD** | ETN.082882.edz |
| **MODELE MCAD** | DA-CS-nhi_e DA-CD-nhi_e<br>nhi_e_2.stp |
| **RYSUNKI** | eaton-manual-motor-starters-pkz-dimensions-003.eps<br>eaton-manual-motor-starters-dimensions.eps<br>eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-004.eps<br>eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-005.eps |
| **SCHEMATY POŁĄCZEŃ** | eaton-manual-motor-starters-contact-nhi-accessory-wiring-diagram-002.eps |

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| **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. |

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| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATA:** | |

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