

Specifications

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

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| 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 UL Category Control No.: NLRV CSA CSA-C22.2 No. 14 UL File No.: E36332 CSA File No.: 165628 IEC/EN 60947-4-1 UL 508 CSA Class No.: 3211-05 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 |

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 |

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 |

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 |

Climatic environmental conditions

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

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 |

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 | 1 A |

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| HEAT DISSIPATION (IN) | |
| 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 | Is the panel builder's |

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| ENCLOSURES MADE OF INSULATING MATERIAL | 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. |

Resources

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| BROCHURES | eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf |
| CATALOGUES | eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf Product Range Catalog Switching and protecting motors |
| CHARACTERISTIC CURVE | eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-006.eps |
| DECLARATIONS OF CONFORMITY | eaton-accessory-declaration-of-conformity-uk251154en.pdf eaton-accessory-declaration-of-conformity-eu250671en.pdf |
| DRAWINGS | eaton-manual-motor-starters-dimensions.eps eaton-manual-motor-starters-pkz-dimensions-003.eps eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-005.eps eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-004.eps |
| ECAD MODEL | ETN.082882.edz |
| INSTALLATION INSTRUCTIONS | eaton-front-mounted-auxiliary-contact-nhi-il03801004z.pdf |
| INSTALLATION VIDEOS | WIN-WIN with push-in technology |
| MCAD MODEL | DA-CD-nhi_e_nhi_e_2.stp DA-CS-nhi_e |
| SALES NOTES | eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf |
| WIRING DIAGRAMS | eaton-manual-motor-starters-contact-nhi-accessory-wiring-diagram-002.eps |

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| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
| DATE: |



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