

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 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

Features & Functions

ELECTRIC CONNECTION TYPE	Screw connection
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	55 °C
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Electrical rating

RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	1 A
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RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	2 A
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	440 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
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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
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General

LIFESPAN, ELECTRICAL	100,000 Operations
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LIFESPAN, MECHANICAL	100,000 Operations
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MODEL	Top mounting
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MOUNTING METHOD	Front fastening
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	3
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PRODUCT CATEGORY	Accessories
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
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USED WITH	Motor protective circuit-breaker
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Terminal capacities

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

NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
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NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
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NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
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Design verification

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.

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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-CD-nhi_e DA-CS-nhi_e nhi_e_2.stp
RYSUNKI	eaton-manual-motor-starters-pkz-dimensions-003.eps eaton-manual-motor-starters-dimensions.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
SCHEMATY POŁĄCZEŃ	eaton-manual-motor-starters-contact-nhi-accessory-wiring-diagram-002.eps

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.

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



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