



Eaton 072896

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

General specifications

PRODUCT NAME	Eaton Moeller® series NHI Accessory Standard auxiliary contact
CATALOG NUMBER	072896
EAN	4015080728962
PRODUCT LENGTH/DEPTH	68 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	15 mm
PRODUCT WEIGHT	0.033 kg
CERTIFICATIONS	CE UL 508 CSA File No.: 165628 UL UL File No.: E36332 IEC/EN 60947-4-1 CSA-C22.2 No. 14 UL Category Control No.: NLRV CSA CSA Class No.: 3211-05
CATALOG NOTES	Can be retrofitted on the right side of motor- protective circuit-breakers
MODEL CODE	NHI11-PKZ0

Features & Functions

ELECTRIC CONNECTION TYPE	Screw connection
FEATURES	Interlocked opposing contacts

Climatic environmental conditions

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

General

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

Terminal capacities

TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 1.5 mm ²
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14, Screw terminals

Electrical rating

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

SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING 10 A gG/gL, Fuse, Auxiliary contacts

Contacts

CONTROL CIRCUIT RELIABILITY < 2 λ , < 1 failure at 100,000,000 Operations (at U_e = 24 V DC, U_{min} = 17 V, I_{min} = 5.4 mA)

NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) 0

NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) 1

NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) 1

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	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.

Do pobrania

CHARACTERISTIC CURVE	eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-003.eps
DEKLARACJE ZGODNOŚCI	DA-DC-00005072.pdf
INSTRUKCJE MONTAŻU	eaton-front-mounted-auxiliary-contact-nhi-il03801004z.pdf IL03407011Z.pdf IL03402034Z
MODELE ECAD	ETN.072896.edz
MODELE MCAD	DA-CD-nhi_pkz0 DA-CS-nhi_pkz0
RYSUNKI	eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-dimensions-002.eps eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-003.eps eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-005.eps
SCHEMATY POŁĄCZEŃ	eaton-manual-motor-starters-auxiliary-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:



Eaton Corporation plc

Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. Wszelkie prawa zastrzeżone.

Follow us on social media to get the latest product and support information.

