

Eaton 082884

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

PRODUCT NAME	Eaton Moeller® series NHI Accessory Standard auxiliary contact
CATALOG NUMBER	082884
PRODUCT LENGTH/DEPTH	12 mm
PRODUCT HEIGHT	35 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.011 kg
CERTIFICATIONS	CE CSA File No.: 165628 CSA IEC/EN 60947-4-1 UL Category Control No.: NLRV CSA Class No.: 3211-05 CSA-C22.2 No. 14 UL File No.: E36332 UL UL 508
CATALOG NOTES	Can be fitted to the front. Terminal designation differs to that of an auxiliary contact that can be fitted to the side

USED WITH	Motor protective circuit-breaker
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.
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	Does not apply, since the

CHARACTERISTIC CURVE	eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-007.eps
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251154en.pdf
MCAD MODEL	nhi_e_1.stp
	eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-wiring-diagram-004.eps
	eaton-manual-motor-starters-pkz0-accessory-dimensions.eps
	eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-005.eps
	eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-002.eps

PROTECTION OF ASSEMBLIES	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.
ELECTRIC CONNECTION TYPE	Screw connection
POLLUTION DEGREE	3
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.01 W
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF SWITCHES (FAULT SIGNAL)	0

RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
MOUNTING METHOD	Front fastening
OVERVOLTAGE CATEGORY	III
MODEL	Top mounting
LAMP HOLDER	None
TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 1.5 mm ²
SAFE ISOLATION	440 V, Between auxiliary contacts and main contacts, According to EN 61140
LIFESPAN, ELECTRICAL	100,000 Operations
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	0.5 A, 250 V DC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	E150, AC operated (UL/CSA)
LIFESPAN, MECHANICAL	100,000 Operations
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Accessories
SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	10 A gG/gL, Fuse, Auxiliary contacts
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 CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	1 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	440 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 16, Screw terminals

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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