DATASHEET - NHI11-PKZ0



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

Part no.	**NHI11-PKZ0**
	072896
EL Number (Norway)	**4355131**

General specifications	
Product name	Eaton Moeller® series NHI Accessory Standard auxiliary contact
Part no.	NHI11-PKZ0
EAN	4015080728962
Product Length/Depth	68 millimetre
Product height	90 millimetre
Product width	15 millimetre
Product weight	0.033 kilogram
Certifications	UL UL File No.: E36332 CSA File No.: 165628 CE CSA Class No.: 3211-05 IEC/EN 60947-4-1 UL 508 CSA-C22.2 No. 14 UL Category Control No.: NLRV CSA
Product Tradename	NHI
Product Type	Accessory
Product Sub Type	Standard auxiliary contact
Catalog Notes	Can be retrofitted on the right side of motor-protective circuit-breakers
Features & Functions	
Features	Interlocked opposing contacts
General information	
Electric connection type	Screw connection
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
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
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
Switching capacity			
Switching capacity (auxiliary contacts, general use)			5 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)			A600, AC operated (UL/CSA) Q300, DC operated (UL/CSA)
Contacts			
Control circuit reliability			< 2 λ, < 1 failure at 100,000,000 Operations (at U# = 24 V DC, Umin = 17 V, Imin = 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.
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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss13-27-37-13-02 [AKN342018])

Number of contacts as change-over contact			0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of fault-signal switches			0
Rated operation current Ie at AC-15, 230 V		A	3.5
Type of electric connection			Screw connection
Model			Clip-on
Mounting method			Side mounting
Lamp holder			None

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