DATASHEET - NHI-E-11-PKZ0-PI

Standard auxiliary contact, NHI-E, 1 N/O, 1 NC, Can be fitted to the front, Push in terminals

Part no.	**NHI-E-11-PKZ0-PI**
Catalog No.	**199325**
Alternate Catalog No.	**XTPAXFAPI11**

Delivery program

Product range			Accessories
Accessories			Standard auxiliary contact
			Can be fitted to the front Terminal designation differs to that of an auxiliary contact that can be fitted to the side
Contacts			
N/O = Normally open			1 N/O
N/C = Normally closed			1 NC
Contact diagram			
Contact sequence			
Connection technique			Push in terminals
For use with			PKZ0(4) standard auxiliary contacts
For use with			PKZM01 PKZM0 PKZM4 PKZM0-T PKM0 PKE

Notes Can be fitted to:
Motor protective circuit-breaker
Transformer-protective circuit-breaker
Motor protective circuit breaker for starter combinations
45 mm (PKZM0 and PKZM01) or 55 mm (PKZM4) widths of the motor-protective circuit-breakers remain unchanged.

Technical data

Auxiliary contacts

Rated impulse withstand voltage	U_{imp}	V AC	4000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V	
	U_e	V AC	440
	U_e	V DC	250
Safe isolation to EN 61140			
Between auxiliary contacts and main contacts		V AC	690
Rated operational current	I_e	A	
AC-15			
220 - 240 V	I_e	A	0.5
DC-13 L/R - 100 ms			
24 V	I_e	A	1
Lifespan		S	
Lifespan, mechanical	Operations	x 10^6	> 0.1
Lifespan, electrical	Operations	x 10^6	0.05
Control circuit reliability	Failure rate	λ	$<10^{-8}$, < one failure at 100 million operations (at U_e = 24 V DC, U_{min} = 17 V, I_{min} = 5.4 mA)
Short-circuit rating without welding			
Fuse		A gG/gL	10

Terminal capacities

Push-in terminals			
Solid		mm^2	1 x (0,5 - 1,5) 2 x (0,5 - 1,5)
flexible		mm^2	1 x (0,5 - 1,5)

		2 x (0,5 - 1,5)
flexible with ferrules	mm^2	1 x (0,5 - 1,0) 2 x (0,5 - 1,0)
Solid or stranded	AWG	20 - 14
Stripping length	mm	8
Standard screwdriver		2,5 x 0.4

Rating data for approved types

Pilot Duty		
AC operated		E150
General Use		
DC	V	250
DC	A	0.5

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	55

Technical data ETIM 7.0

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@ss10.0.1-27-37-13-02 [AKN342013])

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	1
Type of electric connection		Spring clamp connection
Model		Top mounting
Mounting method		Front fastening
Lamp holder		None

Approvals

Product Standards		UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.		E36332
UL Category Control No.		NLRV
CSA File No.		165628
CSA Class No.		3211-05
North America Certification		UL listed, CSA certified
Specially designed for North America		No

Dimensions

Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf

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