

AUXILIARY SWITCH NHI-PKZ0



Powering Business Worldwide™

Part no. NHI11-PKZ0
Article no. 072896

Catalog No. XTPAXSA11

Delivery programme

Product range		Accessories
Accessories		Standard auxiliary contact
For use with		PKZ0(4) standard auxiliary contacts
Contacts		
N/O = Normally open		1 N/O
N/C = Normally closed		1 NC
Contact diagram		
Contact sequence		
Connection technique		Screw terminals
For use with		PKZM01 PKZM0 PKZM4 PKZM0-T PKM0 PKE
Notes		
Can be fitted to the right of motor-protective circuit-breakers, transformer-protective circuit-breakers, motor-protective circuit-breakers for starter combinations.		
Can be combined with:		
AGM, NHI-E... trip-indicating auxiliary contact		

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

Auxiliary contacts

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V	
	U_e	V AC	500
	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	3.5
380 - 415 V	I_e	A	2
440 V 500 V	I_e	A	1
DC-13 L/R - 100 ms			
24 V	I_e	A	2
60 V	I_e	A	1.5
110 V	I_e	A	1
220 V	I_e	A	0.25
Lifespan		S	
Lifespan, mechanical	Operations	$\times 10^6$	> 0.1
Lifespan, electrical	Operations	$\times 10^6$	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)
interlocked opposing contacts			yes
Short-circuit rating without welding			
Fuseless		Type	FAZ-B4/1-HI
Fuse		A gG/ gL	10

Terminal capacities

Solid or flexible conductor, with ferrule		mm ²	0.75 - 2.5
Solid or stranded		AWG	18 - 14

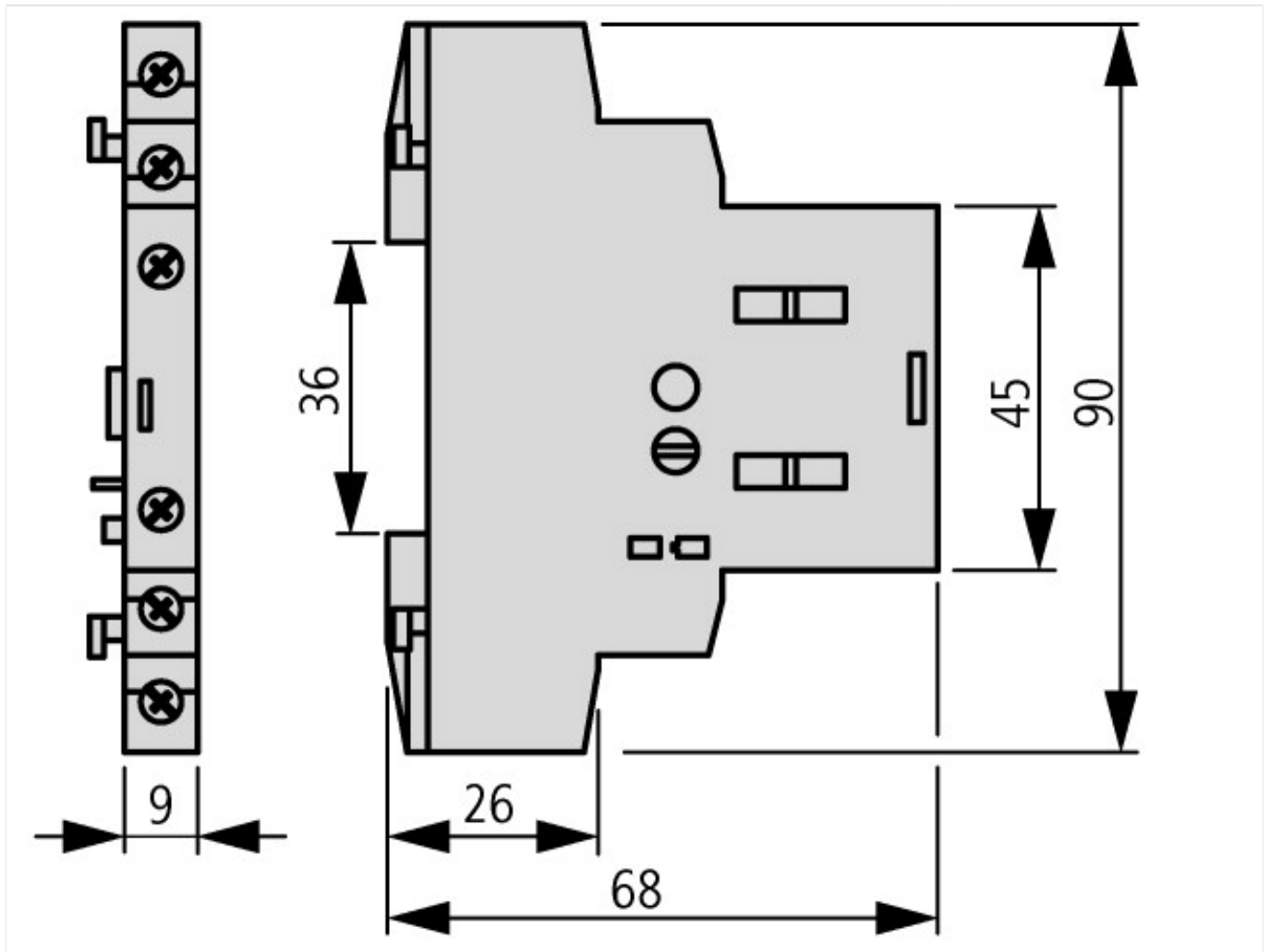
Technical data ETIM 5.0

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
(ec|@ss8-27-37-13-02 [AKN342009])

Number of contacts as change-over contact			0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Rated operation current I_e at AC-15, 230 V		A	3.5
Type of electric connection			Screw connection
Mounting method			Side mounting

Dimensions



Additional product information (links)

IL03402034Z (AWA1210-1945) Motor-protective circuit-breaker, Starter

IL03402034Z (AWA1210-1945) Motor-protective circuit-breaker, Starter

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402034Z2010_10.pdf

IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker

IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z2010_08.pdf

Motor starters and "Special Purpose Ratings" for the North American market

http://www.moeller.net/binary/ver_techpapers/ver953en.pdf

Busbar Component Adapters for modern Industrial control panels

http://www.moeller.net/binary/ver_techpapers/ver960en.pdf