



AUXILIARY SWITCH NHI-PKZ0



Powering Business Worldwide™

Part no. NHI21-PKZ0
Article no. 072894

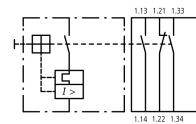
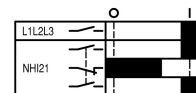
Catalog No. XTPAXSA21

Delivery programme

Product range
 Accessories
 For use with
 Contacts
 N/O = Normally open
 N/C = Normally closed
 Contact diagram

Accessories
 Standard auxiliary contact
 PKZ0(4) standard auxiliary contacts

2 N/O
 1 NC



Screw terminals
 PKZM01
 PKZM0
 PKZM4
 PKZM0-T
 PKM0
 PKE

Contact sequence

Connection technique
 For use with

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 File No.
 UL Category Control No.
 CSA File No.
 CSA Class No.
 North America Certification
 Specially designed for North America

UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
 E36332
 NLRV
 165628
 3211-05
 UL listed, CSA certified
 No

Auxiliary contacts

Rated impulse withstand voltage

Overtoltage category/pollution degree

Rated operational voltage

Safe isolation to EN 61140

Between auxiliary contacts and main contacts

Rated operational current

AC-15

220 - 240 V

380 - 415 V

440 V 500 V

U_{imp}	V AC	6000
		III/3
U_e	V	
U_e	V AC	500
U_e	V DC	250
	V AC	690
I_e	A	
I_e	A	3.5
I_e	A	2
I_e	A	1

DC-13 L/R - 100 ms

24 V

60 V

110 V

220 V

Lifespan

Lifespan, mechanical

Lifespan, electrical

Control circuit reliability

interlocked opposing contacts

Short-circuit rating without welding

Fuseless

Fuse

I_e	A	2
I_e	A	1.5
I_e	A	1
I_e	A	0.25
	S	
Operations	$x 10^6$	> 0.1
Operations	$x 10^6$	0.05
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)
		yes
	Type	FAZ-B4/1-HI
	A gG/ gL	10

Terminal capacities

Solid or flexible conductor, with ferrule

Solid or stranded

	mm ²	0.75 - 2.5
	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
(ecl@ss8-27-37-13-02 [AKN342009])

Number of contacts as change-over contact

0

Number of contacts as normally open contact

2

Number of contacts as normally closed contact

1

Rated operation current I_e at AC-15, 230 V

A

3.5

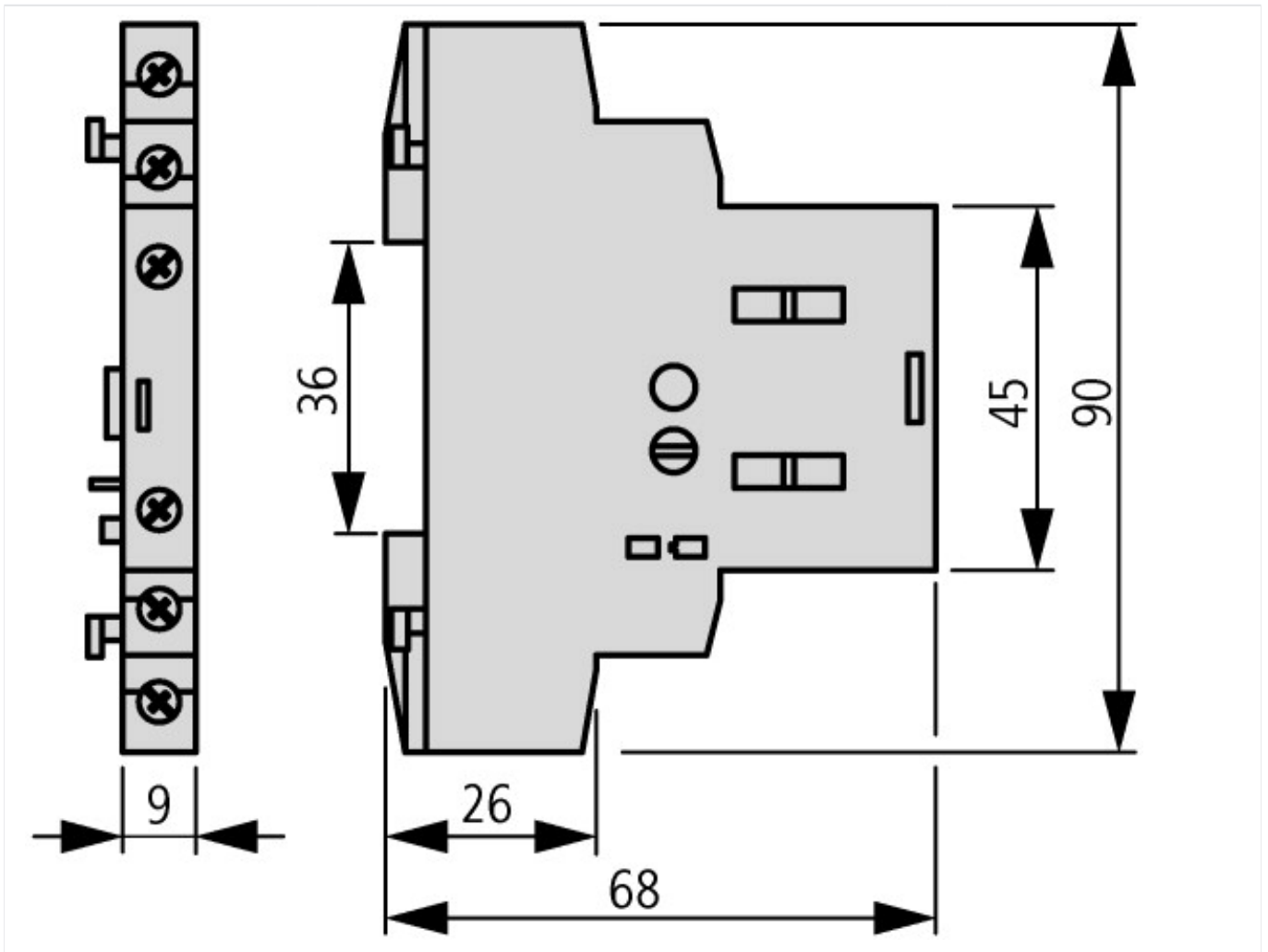
Type of electric connection

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