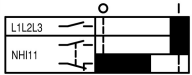
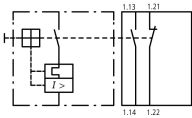


Standard auxiliary contact, 1N/O+1N/C, screw connection

Part no. **+NHI11-PKZ0**
 Catalog No. **073233**
 Alternate Catalog No. **-**

Delivery program

Product range		Accessories
Accessories		Standard auxiliary contact
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		PKZ0(4) standard auxiliary contacts
		When ordered with basic unit
<p>Notes Can be fitted to the right of: Motor protective circuit-breaker Transformer-protective circuit-breaker Motor protective circuit breaker for starter combinations Cannot be used for motor starter combinations type MSC-R... can be combined with AGM, NHI-E ...</p>		

Technical data

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 V 400 V 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
110 V	I_e	A	0.5	

220 V	I_e	A	0.25
Lifespan		S	
Lifespan, mechanical	Operations	$\times 10^6$	> 0.05
Lifespan, electrical	Operations	$\times 10^6$	0.05
Short-circuit rating without welding			
Fuse		A gG/gL	10

Terminal capacities

Solid or flexible conductor, with ferrule		mm^2	0,75 - 1,5
Solid or stranded		AWG	18 - 14

Rating data for approved types

Pilot Duty			
AC operated			A600
DC operated			Q300
General Use			
AC		V	600
AC		A	5
DC		V	250
DC		A	1

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	3.5
Heat dissipation per pole, current-dependent	P_{vid}	W	0.04
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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 8.0

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

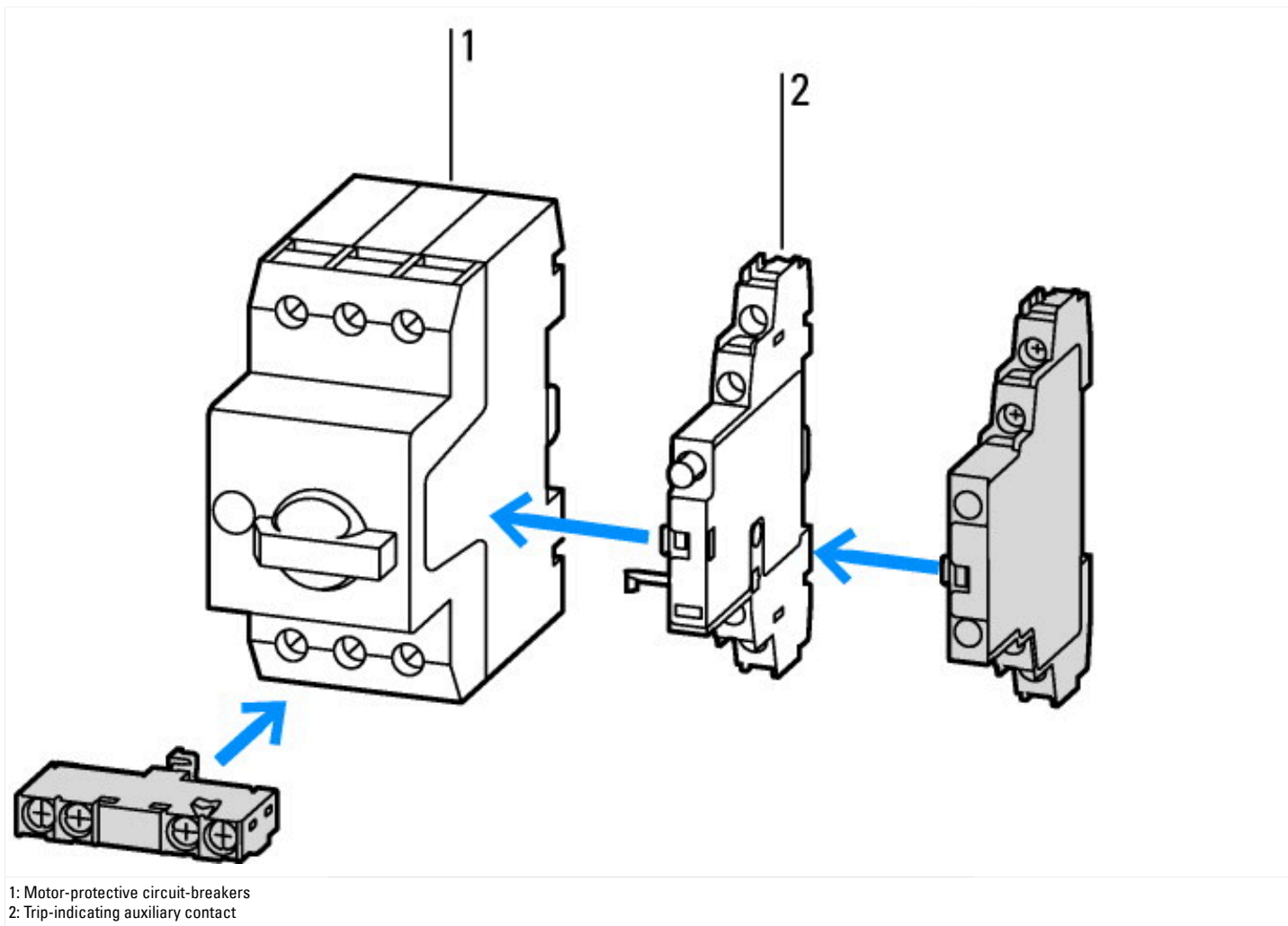
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ec@ss10.0.1-27-37-13-02 [AKN342013])

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 I _e at AC-15, 230 V	A	3.5
Type of electric connection		Screw connection
Model		Top mounting
Mounting method		Side mounting
Lamp holder		None

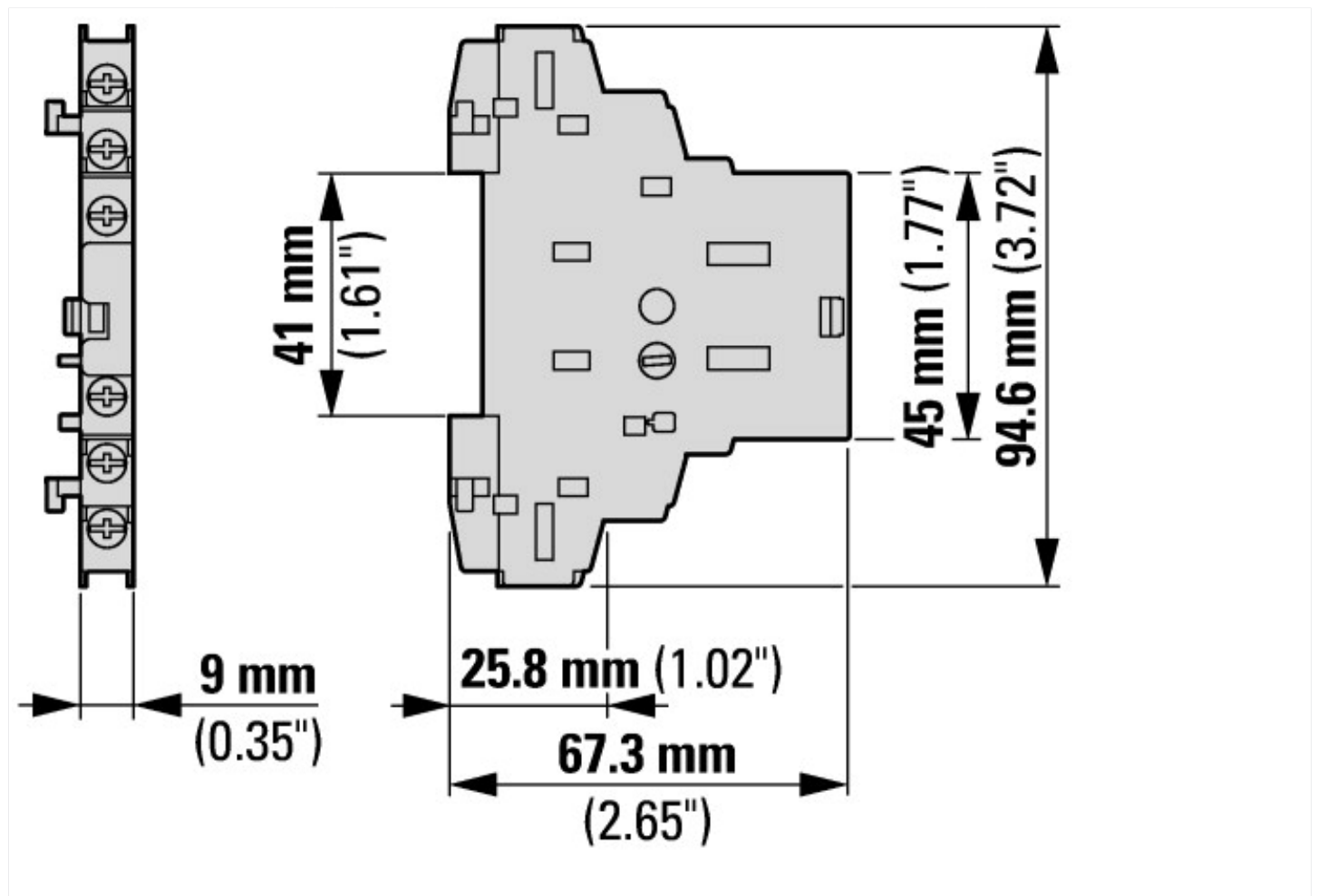
Approvals

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

Characteristics



Dimensions



Additional product information (links)

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

IL03407011Z (AWA1210-1925) Motor-protective circuit-breaker https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407011Z.pdf

IL03402034Z (AWA121-1945) Motor-protective circuit-breaker, Starter

IL03402034Z (AWA121-1945) Motor-protective circuit-breaker, Starter https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402034Z2021_06.pdf

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