

Trip indicator, 2 x 1 N/O, Push in terminals



Part no. AGM2-10-PKZ0-PI
Catalog No. 199329
Alternate Catalog No. XTPAXSATRPI20

Delivery program

Product range			Accessories
Accessories			Trip-indicating auxiliary contacts
			Differential status indication a) General trip indication (overload) b) Short-circuit release Short-circuits indicated locally by means of a red indicator that can be manually reset
Contacts			
N/O = Normally open			2 x 1 N/O
Contact diagram			
Contact sequence			
Connection technique			Push in terminals
For use with			Trip indicator PKZ0(4), PKE
For use with			PKZM0 PKZM4 PKZM0-T PKM0 PKZM01 PKE
Can be combined with auxiliary contact			NHI...-PKZ0(-PI) NHI-E-...-PI NHI-B-...-PI
Notes Can be fitted to the right of: Motor protective circuit-breaker			

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 - 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, 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

Push-in terminals		
Solid	mm ²	1 x (0,5 - 2,5) 2 x (0,5 - 2,5)
flexible	mm ²	1 x (0,5 - 2,5) 2 x (0,5 - 2,5)
flexible with ferrules	mm ²	1 x (0,5 - 1,5) 2 x (0,5 - 1,5)
Solid or stranded	AWG	20 - 14
Stripping length	mm	10
Standard screwdriver		3.0 x 0.5

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		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	55

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

Number of contacts as change-over contact		0
Number of contacts as normally open contact		2
Number of contacts as normally closed contact		0
Number of fault-signal switches		1
Rated operation current I _e at AC-15, 230 V	A	3.5
Type of electric connection		Spring clamp 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

Dimensions

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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

