DATASHEET - A-PKZ0(24VDC)-PI

Shunt release PKZ0(4), PKE, DC, 24 V DC, Push in terminals

Part no.	**A-PKZ0(24VDC)-PI**
Catalog No.	**199336**
Alternate Catalog No.	**XTPAXSRPI24VDC**

Delivery program

Product range			Accessories
Accessories			Shunt release
Actuating voltage			24 V DC
Voltage type			Standard voltage
Current actuation			DC
Contact sequence			
Connection technique			Push in terminals
For use with			Shunt release PKZ0(4), PKE
For use with			PKZM0 PKZM4 PKZM0-T PKM0 PKZM01 PKE
Can be combined with auxiliary contact			NHI...-PKZ0(-PI) AGM2-...-PKZ0-PI NHI-E-...-PI NHI-B-...-PI

Notes Can be fitted to the left of:
Motor protective circuit-breaker
Cannot be combined with:
U-PKZ0 undervoltage release

Technical data

General

Terminal capacities		mm^2	
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
Actuating voltage			24 V DC

Operating range

DC Voltage		x U_S	0.7- 1.1
			Short-time operation 5 s

Power consumption

DC current			
Pull-in power	Pick-up	W	3
Sealing power	Sealing	W	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) / Shunt release (for power circuit breaker) (EC001023)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Full load current trip (ecl@ss10.0.1-27-37-04-18 [AKF016013])		
Rated control supply voltage Us at AC 50HZ	V	0 - 0
Rated control supply voltage Us at AC 60HZ	V	0 - 0
Rated control supply voltage Us at DC	V	24 - 24
Voltage type for actuating		DC
Initial value of the undelayed short-circuit release - setting range	A	0
End value adjustment range undelayed short-circuit release	A	0
Type of electric connection		Spring clamp connection
Number of contacts as normally open contact		0
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Suitable for power circuit breaker		No
Suitable for off-load switch		No
Suitable for motor safety switch		Yes
Suitable for overload relay		No

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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