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



Part no. A-PKZ0(24VDC)

073200

EL Number 4355135

(Norway)

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Product name	Eaton Moeller® series A-PKZ0 Accessory Shunt release
Part no.	
EAN	A-PKZ0(24VDC)
	4015080732006
Product Length/Depth	68 millimetre
Product height	90 millimetre
Product width	24 millimetre
Product weight	0.126 kilogram
Certifications	CSA File No.: 165628 CE CSA UL 508 CSA Class No.: 3211-05 CSA-C22.2 No. 14 UL IEC/EN 60947-4-1 UL File No.: E36332 UL Category Control No.: NLRV
Product Tradename	A-PKZ0
Product Type	Accessory
Product Sub Type	Shunt release
Catalog Notes	Cannot be combined with U-PKZ0 undervoltage release Cannot be combined with undervoltage release U-PKZ0
Electric connection type	Screw connection
Product category	Accessories
Suitable for	Motor safety switch
Used with	Motor protective circuit-breaker
Voltage type	DC
Mounting position	Can be fitted to left side of the motor protection switch
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Terminal capacity (solid/flexible with ferrule)	2 x (0.75 - 2.5) mm ² 1 x (0.75 - 2.5) mm ²
Terminal capacity (solid/stranded AWG)	1 x (18 - 14) 2 x (18 - 14)
Operational voltage	0.7- 1.1 x Us (DC) Short-time operation 5 s 0.7 - 1.1 x Us (AC)
Rated operational voltage (Ue) at AC - min	42 V
Rated operational voltage (Ue) at AC - max	480 V
Rated operational voltage (Ue) at DC - min	24 V
Rated operational voltage (Ue) at DC - max	250 V
Rated control supply voltage (Us) at AC, 50 Hz - min	0 V
Rated control supply voltage (Us) at AC, 50 Hz - max	0 V
Rated control supply voltage (Us) at AC, 50 Hz - min	0 V
Rated control supply voltage (Us) at AC, 60 Hz - max	0 V
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10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must observed. 10.16 device meets the requirements, provided the information in the instruction	10.7 Internal electrical circuits and connections	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 observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise The panel builder is responsibility. 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 observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	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 observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must b 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) / Shunt release (for power cir	ouit brooker\ /EC001	กวว\			
Low-voltage industrial components (E0000017)/ Silunt release (for power cit	cuit breaker) (EC001)	uzaj			
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		Α	0		
End value adjustment range undelayed short-circuit release		Α	0		
Type of electric connection			Screw 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		