DATASHEET - U-PKZ0(120V60HZ)



Undervoltage release PKZ0(4), PKE, AC, 120 V 60 Hz, Screw terminals



Part no. U-PKZ0(120V60HZ) 073143

General specifications	
Product name	Eaton Moeller® series U-PKZO Accessory Undervoltage Release
Part no.	U-PKZ0(120V60HZ)
EAN	4015080731436
Product Length/Depth	68 millimetre
Product height	90 millimetre
Product width	24 millimetre
Product weight	0.129 kilogram
Certifications	UL Category Control No.: NLRV UL 508 CE CSA-C22.2 No. 14 UL IEC/EN 60947-4-1 CSA Class No.: 3211-05 UL File No.: E36332 CSA File No.: 165628 CSA
Product Tradename	U-PKZ0
Product Type	Accessory
Product Sub Type	Undervoltage Release
Catalog Notes	Cannot be combined with A-PKZO shunt release Cannot be combined with shunt release A-PKZO
Features & Functions	
Electric connection type	Screw connection
General information	
Mounting position	Can be fitted to left side of the motor protection switch
Product category	Accessories
Suitable as	EMERGENCY STOP or EMERGENCY switching-off device in accordance with IEC, EN 60204 when combined with circuit breaker
Suitable for	Motor safety switch
Used with	Motor protective circuit-breaker
Voltage type	AC
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Terminal capacities	
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)
Electrical rating	
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
Magnet system	
Drop-out voltage	0,7- 0,35 x Uc
Pick-up voltage	0.85 - 1.1 V x Uc
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, 60 Hz - min	120 V
Rated control supply voltage (Us) at AC, 60 Hz - max	120 V

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10.8 Connections for external conductors 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 Is the panel builder's responsibility. Is the panel builder's responsibility. The panel builder is responsibility for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. Is the panel builder's responsibility. The specifications for the switchgear must be observed. In the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
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10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise The panel builder is responsibility. The panel builder is responsibile for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating 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	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 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	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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	10.12 Electromagnetic compatibility	, , , , , ,
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Under voltage coil (EC001022)					
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss13-27-37-04-17 [AKF015018])					
Rated control supply voltage AC 50 Hz	V		0 - 0		
Rated control supply voltage AC 60 Hz	V		120 - 120		
Rated control supply voltage DC	V		0 - 0		
Voltage type for actuating			AC		
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		
Delayed			No		
Suitable for power circuit breaker			No		

Suitable for off-load switch	No
Suitable for motor safety switch	Yes
Suitable for overload relay	No