DATASHEET - P-SOL-XUV(110V50/60HZ,120V50/60HZ)



Undervoltage release, delayed, 110V50/60Hz, 120V50/60Hz

Part no. Catalog No. Alternate Catalog No.

P-SOL-XUV(110V50/60HZ,120V50/60HZ) 157860 P-SOL-XUVRD110V50H



Delivery program

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Product range	Accessories
Accessories	Shunt and undervoltage releases
Product range	Accessories
Application field	Utility buildings Residential buildings
Description	With internal delay for bridging intermittent voltage dips and fluctuations
Contact sequence	D1 U < U < D2
Connection technique	Screw terminals
For use with	PKZM0 PKZM4 PKZM0-T PKM0 PKZM01 PKE P-S0L PK2-S0L
Notes	
Can be fitted to left side of motor-protective circuit-breaker	
Can not be combined with shunt release A-PKZ0	

Technical data

General			
Terminal capacities		mm ²	
Solid or flexible conductor, with ferrule		mm ²	1 x (0,75 - 2,5) 2 x (0,75 - 2,5)
Solid or stranded		AWG	1 x (18 - 14) 2 x (18 - 14)
Main conducting paths			
Rated operating voltage	Ue	V AC	110 - 110
Pick-up-/drop-out voltage			
Pick-up voltage	x Uc		0.85 - 1.1
Power consumption			
AC			
Pull-in power	Pick-up	VA	3
Sealing power	Sealing	VA	3

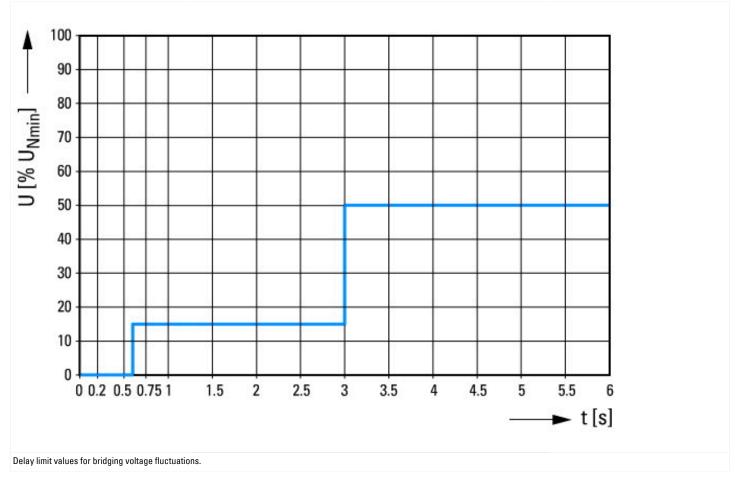
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10.9 Insulation properties	
10.9.2 Power-frequency electric strength Is the panel builder's responsibility.	
10.9.3 Impulse withstand voltage	
10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.	
10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. E provide heat dissipation data for the devices.	aton will
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchg observed.	ear must b
10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchg observed.	ear must b
10.13 Mechanical function The device meets the requirements, provided the information in the instant of the information in the ins	truction

Technical data ETIM 6.0

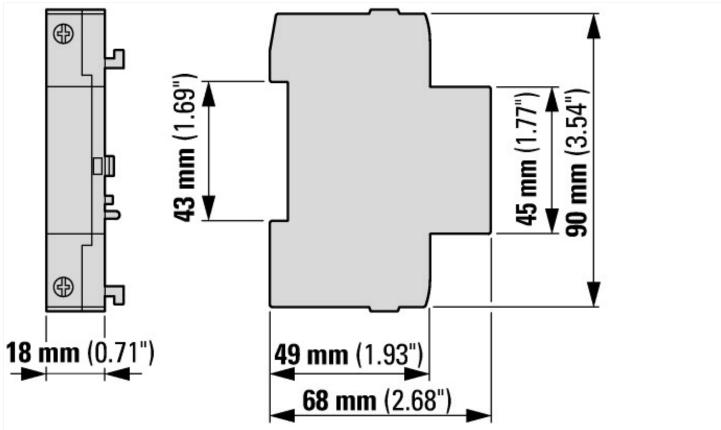
Low-voltage industrial components (EG000017) / Under voltage coil (EC001022)					
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss8.1-27-37-04-17 [AKF015010])					
Rated control supply voltage Us at AC 50HZ	V	0 - 110			
Rated control supply voltage Us at AC 60HZ	V	0 - 120			
Rated control supply voltage Us at 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		Yes			
Suitable for power circuit breaker		No			
Suitable for off-load switch		Yes			
Suitable for motor safety switch		No			
Suitable for overload relay		No			

No

Characteristics



Dimensions



Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market

Busbar Component Adapters for modern Industrial control panels

http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf

http://www.moeller.net/binary/ver_techpapers/ver960en.pdf