

Undervoltage release, delayed, 230V50/60Hz, 240V50/60Hz



Part no. P-SOL-XUV(230V50/60HZ,240V50/60HZ)
157859

General specifications	
Product name	Eaton Moeller® series P-SOL Accessory Undervoltage Release
Part no.	P-SOL-XUV(230V50/60HZ,240V50/60HZ)
EAN	4015081544493
Product Length/Depth	68 millimetre
Product height	90 millimetre
Product width	24 millimetre
Product weight	0.138 kilogram
Compliances	CE
Product Tradename	P-SOL
Product Type	Accessory
Product Sub Type	Undervoltage Release
Features & Functions	
Electric connection type	Screw connection
Fitted with:	Internal delay for bridging intermittent voltage dips and fluctuations
Functions	Delayed
General information	
Application	Residential buildings Utility buildings
Product category	Accessories
Suitable for	Off-load switch
Voltage type	AC
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
Terminal capacities	
Terminal capacity (solid/flexible with ferrule)	1 x (0,75 - 2,5) mm ² 2 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	230 V
Rated operational voltage (Ue) at AC - max	240 V
Magnet system	
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	230 V
Rated control supply voltage (Us) at AC, 60 Hz - min	0 V
Rated control supply voltage (Us) at AC, 60 Hz - max	240 V
Rated control supply voltage (Us) at DC - min	0 V
Rated control supply voltage (Us) at DC - max	0 V
Contacts	
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	0
Number of contacts (normally open contacts)	0
Power consumption	
Power consumption, pick-up, 50 Hz	3 VA, Pull-in power, Coil in a cold state and 1.0 x Us
Power consumption, pick-up, 60 Hz	3 VA, Pull-in power, Coil in a cold state and 1.0 x Us
Power consumption, sealing, 50 Hz	3 VA, Coil in a cold state and 1.0 x Us

Power consumption, sealing, 60 Hz		3 VA, Coil in a cold state and 1.0 x Us
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0.8 W
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of assemblies		Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances		Meets the product standard's requirements.
10.5 Protection against electric shock		Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components		Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections		Is the panel builder's responsibility.
10.8 Connections for external conductors		Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength		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 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 leaflet (IL) is observed.

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 - 230
Rated control supply voltage AC 60 Hz	V	0 - 240
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		Yes
Suitable for power circuit breaker		No
Suitable for off-load switch		Yes
Suitable for motor safety switch		No
Suitable for overload relay		No