

Select Code PESP PROJOY ELECTRIC SURGE PROTECTIVE DEVICE

Failure and disengagement device Alarm remote signaling device

Failure and disengagement device

The surge protector is provided with a fail-safe device. When the protector breaks down due to overheating, the fail-safe detach device can automatically detach from the power grid and give an indication signal. When the protector is normal, the display window will show green, and after failure, the display window will show red.

Alarm remote signaling device

The protector can be made into a variety with remote signaling contacts. The remote signaling contacts have a set of normally open and normally closed contacts. When the protector is working normally, normally closed contacts are connected. If one or more modules of the protector fail, the contact will change from normally open to normally closed. Normally open contacts will work and send trouble information.

High Craftsmanship AND High Standards



Flame

material





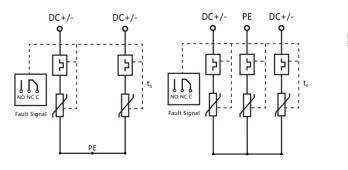
High reliability



Diverse

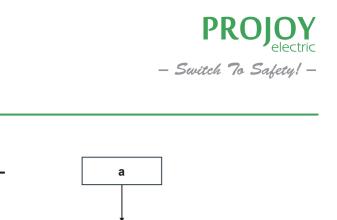
-40°C~+70°C Ambient temperature range





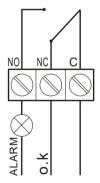


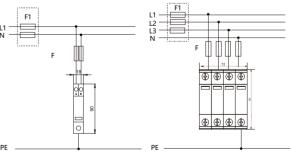
ProJoy Electric Co., Ltd. 2nd Floor, Building 3, No. 2266, Taiyang Road, Xiangcheng District, Suzhou, China Tel: +86 512 6878 6489 | Fax: +86 512 6878 6489 Email: sales@projoy-electric.com | www.projoy-electric.com





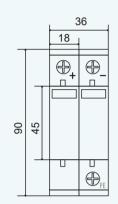


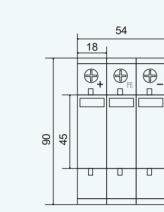


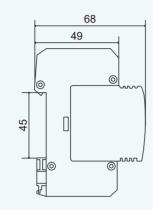


Dimensions

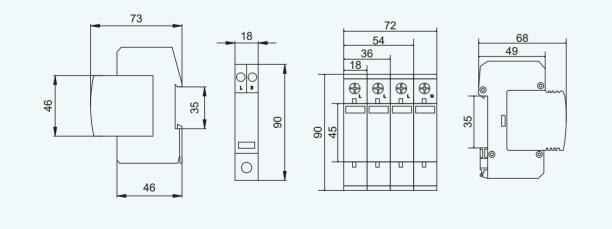
PESP-600/1000/1500







PER-C20



Technical data

Туре	PESP-600	PESP-1000	PESP-1500	
SPD according		Type 1/2		
Pole	2P	3P	3P	
Standards compliance	GB/T18802.31-2016, IEC61643-31:2018, EN61643-31:2019			
Max. Continuous Operating Voltage Ucpv	600V DC	1000V DC	1500V DC	
Max. Discharge Current Imax	40kA (8/20µs)			
Nominal Discharge Current In	20kA (8/20µs)			
Impulse current by pole Iimp	5kA (10/350µs)			
Protection level Up	3.0 kV	3.0 kV 3.5kV		
Respones Time tA	≤25ns			
Operating Temperature	-40°C~70°C			
Install Traverse Area	16~25 mm ²			
Housing Material	PA6/PBT UL94 V-0			
Communication module	Built-in (Optional)			
Protection Rating	IP20			
Dimensions	When the window displays red, the product is invalid and needs to be replaced.			
Installation dimensions	See outline and mounting dimensions			
Mounting	Symmetrical rail 35 mm			
Remote signalization connection	250VAC/0.1A 125VDC/0.2A 75VDC/0.5A			
Туре		PER-C20		
SPD according		Type 1/2		
Pole	1P	4P		
Standards compliance	GB/T18802.31-2016, IEC61643-31:2018, EN61643-31:2019		EN61643-31:2019	
Max. Continuous Operating Voltage Ucpv	275V AC		440V AC	
Max. Discharge Current Imax	40kA (8/20µs)			
Nominal Discharge Current In	20kA (8/20µs)			
Impulse current by pole limp	5kA (10/350µs)			
Protection level Up	1.5 kV		1.8kV	
Respones Time tA	≤25ns			
Operating Temperature		-40°C ~ 70°C		
Install Traverse Area		16 ~ 25mm²		
Housing Material		PA6/PBT UL94 V-0		
Communication module	Built-in (optional)			
Protection Rating	IP20			
Dimensions	When the window displays red, the product is invalid and needs to be replaced.			
Installation dimensions				

Туре	PESP-600	PESP-1000	PESP-1500		
SPD according	Type 1/2				
Pole	2P	3P	3P		
Standards compliance	GB/T18802.31-2016, IEC61643-31:2018, EN61643-31:2019				
Max. Continuous Operating Voltage Ucpv	600V DC	1000V DC	1500V DC		
Max. Discharge Current Imax	40kA (8/20µs)				
Nominal Discharge Current In	20kA (8/20µs)				
Impulse current by pole limp	5kA (10/350µs)				
Protection level Up	3.0 kV 3.5kV				
Respones Time tA	≤25ns				
Operating Temperature	-40°C~70°C				
Install Traverse Area	16~25 mm ²				
Housing Material	PA6/PBT UL94 V-0				
Communication module	Built-in (Optional)				
Protection Rating	IP20				
Dimensions	When the window displays red, the product is invalid and needs to be replaced.				
Installation dimensions	See outline and mounting dimensions				
Mounting	Symmetrical rail 35 mm				
Remote signalization connection	250VAC/0.1A 125VDC/0.2A 75VDC/0.5A				
Туре	PER-C20				
SPD according	Type 1/2				
Pole	1P				
Standards compliance			4P		
		2.31-2016 , IEC61643-31:2018 , EN61			
· · · · · · · · · · · · · · · · · · ·		2.31-2016 , IEC61643-31:2018 , EN61			
Max. Continuous Operating Voltage Ucpv	GB/T1880	2.31-2016 , IEC61643-31:2018 , EN61 40kA (8/20µs)	643-31:2019		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In	GB/T1880	40kA (8/20µs) 20kA (8/20µs)	643-31:2019		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In	GB/T1880	40kA (8/20µs)	643-31:2019		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole Iimp Protection level Up	GB/T1880	40kA (8/20µs) 20kA (8/20µs)	643-31:2019		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole limp	GB/T1880 275V AC	40kA (8/20µs) 20kA (8/20µs)	643-31:2019 440V AC		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole Iimp Protection level Up	GB/T1880 275V AC	40kA (8/20μs) 20kA (8/20μs) 5kA (10/350μs)	643-31:2019 440V AC		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole Iimp Protection level Up Respones Time tA	GB/T1880 275V AC	40kA (8/20μs) 20kA (8/20μs) 5kA (10/350μs) ≤25ns	643-31:2019 440V AC		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole Iimp Protection level Up Respones Time tA Operating Temperature Install Traverse Area	GB/T1880 275V AC	40kA (8/20μs) 20kA (8/20μs) 5kA (10/350μs) ≤25ns -40°C ~ 70°C	643-31:2019 440V AC		
Max. Continuous Operating VoltageUcpvMax. Discharge CurrentImaxNominal Discharge CurrentInImpulse current by pole limpImpulse current by pole limpProtection levelUpRespones TimeImpulseOperating TemperatureImpulseInstall Traverse AreaImpulseHousing MaterialImpulseCommunication moduleImpulse	GB/T1880 275V AC	40kA (8/20µs) 20kA (8/20µs) 5kA (10/350µs) ≤25ns -40°C ~ 70°C 16~25mm²	643-31:2019 440V AC		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole limp Impulse current by pole limp Protection level Up Respones Time tA Operating Temperature Install Traverse Area Housing Material Communication module	GB/T1880 275V AC	40kA (8/20µs) 20kA (8/20µs) 5kA (10/350µs) ≤25ns -40°C ~ 70°C 16 ~ 25mm² PA6/PBT UL94 V-0	643-31:2019 440V AC		
Max. Continuous Operating Voltage Ucpv Max. Discharge Current Imax Nominal Discharge Current In Impulse current by pole limp Impulse current by pole limp Protection level Up Respones Time Impulse Operating Temperature Install Traverse Area Housing Material Impulse Communication module Impulse	GB/T1880 275V AC 1.5 kV	40kA (8/20µs) 20kA (8/20µs) 5kA (10/350µs) ≤25ns -40°C ~ 70°C 16 ~ 25mm ² PA6/PBT UL94 V-0 Built-in (optional)	643-31:2019 440V AC 1.8kV		
Max. Continuous Operating VoltageUcpvMax. Discharge CurrentImaxNominal Discharge CurrentInImpulse current by poleImpProtection levelUpRespones TimeCOperating TemperatureInstall Traverse AreaHousing MaterialCCommunication moduleProtection Rating	GB/T1880 275V AC 1.5 kV When the window di	40kA (8/20µs) 20kA (8/20µs) 5kA (10/350µs) ≤25ns -40°C ~ 70°C 16 ~ 25mm ² PA6/PBT UL94 V-0 Built-in (optional) IP20	643-31:2019 440V AC 1.8kV needs to be replaced.		
Max. Continuous Operating VoltageUcpvMax. Discharge CurrentImaxNominal Discharge CurrentInImpulse current by poleImpProtection levelUpRespones TimeIAOperating TemperatureInstall Traverse AreaHousing MaterialCommunication moduleProtection RatingDimensions	GB/T1880 275V AC 1.5 kV When the window di	40kA (8/20µs) 20kA (8/20µs) 5kA (10/350µs) ≤25ns -40°C ~ 70°C 16 ~ 25mm ² PA6/PBT UL94 V-0 Built-in (optional) IP20 isplays red, the product is invalid and	643-31:2019 440V AC 1.8kV needs to be replaced.		

