PESP/PER Series

Surge Protector



High Craftsmanship AND High Standards

Flame retardant material

High reliability

Diverse

-40℃~+70℃ Ambient temperature range

PROJOY
electric
– Switch To Safety! –

Select Code

PESP – a

PESP: PROJOY ELECTRIC SURGE PROTECTIVE DEVICE

a: MAX. CONTINUOUS OPERATING VOLTAGE

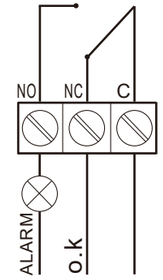
Failure and disengagement device Alarm remote signaling device

Failure and disengagement device

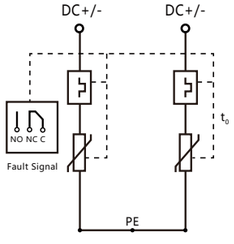
The surge protector is provided with a fail-safe device. When the protector breaks down due to overheating, the fail-safe detach device can automatically detach from the power grid and give an indication signal.When the protector is normal, the display window will show green, and after failure, the display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

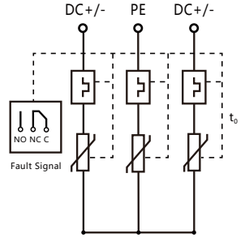
Alarm remote signaling device

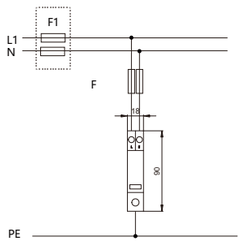
The protector can be made into a variety with remote signaling contacts. The remote signaling contacts have a set of normally open and normally closed contacts. When the protector is working normally, normally closed contacts are connected. If one or more modules of the protector fail, the contact will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

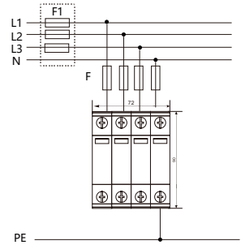


Contact Configuration







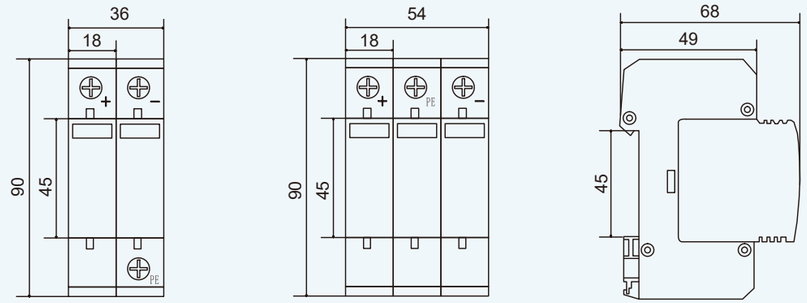


PROJOY
electric
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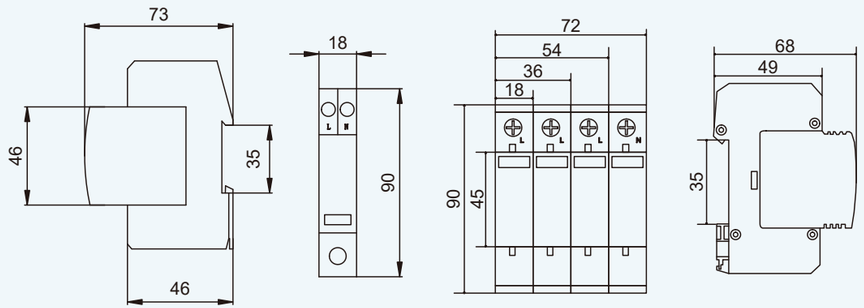
ProJoy Electric Co., Ltd.
2nd Floor, Building 3, No. 2266, Taiyang Road, Xiangcheng District, Suzhou, China
Tel: +86 512 6878 6489 | Fax: +86 512 6878 6489
Email: sales@projoy-electric.com | www.projoy-electric.com

Dimensions

PESP-600/1000/1500



PER-C20



Technical data

Type	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	3.5kV	
Respones Time tA	⩽25ns		
Operating Temperature	-40℃～70℃		
Install Traverse Area	16～25 mm²		
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		

Type	PER-C20	
SPD according	Type 1/2	
Pole	1P	4P
Standards compliance	GB/T18802.31-2016 , IEC61643-31:2018 , 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 Iimp	5kA (10/350μs)	
Protection level Up	1.5 kV	1.8kV
Respones Time tA	≤25ns	
Operating Temperature	-40℃～70℃	
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	See outline and mounting dimensions	
Mounting	Symmetrical rail 35 mm	
Remote signalization connection	250VAC/0.1A 125VDC/0.2A 75VDC/0.5A	