

# PS Series

## for Quad Base & 4 Protection Modules

### Type 1CA (Din-rail Mounting SPDs)

UL recognized Type 1CA surge protective device is especially designed for low-voltage power supply system surge protection, especially for point of entry (Category C,D, ANSI/IEEE C62.41) and sub-circuit (Category B, ANSI/IEEE C62.41) protection

UL recognized Type 1CA SPD, passed short circuit current rating (SCCR) 200kA without external fuse or CB..

High reliability due to global patented thermally protected MOV with special arc-extinguish device (TPAE technology).

Large surge energy capability up to 50KA per mode.

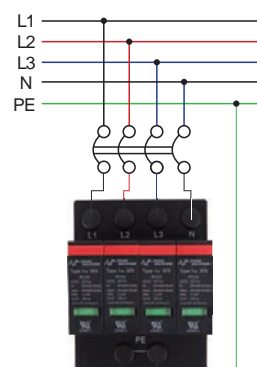
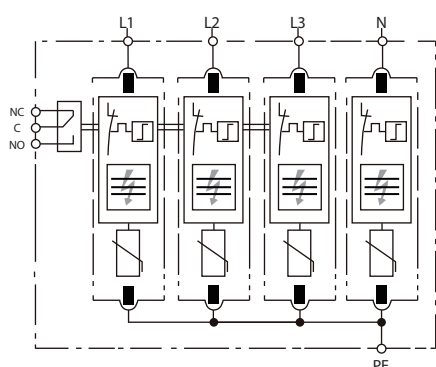


## Specifications

- Cross-section of connection wire : Single-strand 35mm<sup>2</sup> or # 2AWG Multi-strand 25mm<sup>2</sup> or # 4AWG
- Mounting : 35mm DIN-rail in accordance with EN 50022/DIN46277-3
- Enclosure material : thermoplastic; extinguishing degree UL94 V-0
- Degree of protection : IP20
- Thermal disconnecter : Internal green – normal ; red - failure
- Switching capability Un/In : AC : 250V/0.5A DC: 250V/0.1A 125V/0.2A 75V/0.5A
- Max. Size of Remote connecting wire : Max. 1.5mm<sup>2</sup>(or # 16AWG)

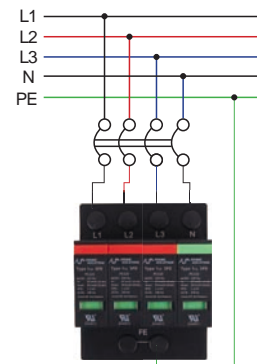
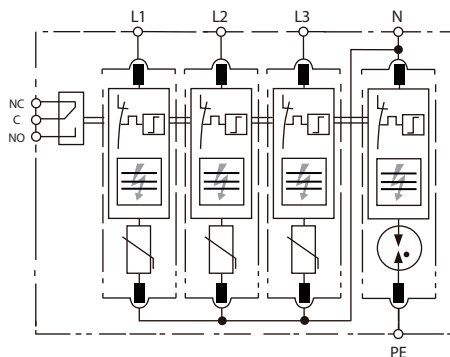
Model No.	PS150/2P-S	PS180/2P-S	PS275A/2P-S	PS320/2P-S	PS420/2P-S
Rated System Voltage	Single Phase 2W + GND				
	120V	127V	220 / 230V	240 / 277V	660V
MCOV (Vac)	150	180	275	320	420
$I_n$ (kA) -8/20 $\mu$ S- / $I_{max}$ (kA) -8/20 $\mu$ S-	20 / 50				20 / 40
VPR(Vpk) (kV)	0.7	1.0		1.2	1.5
SCCR(kA)	200				

## Basic Circuit Diagram

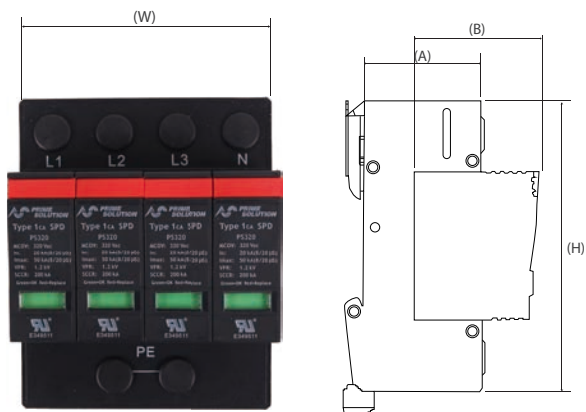


Model No.		PS150/3PN-S	PS275A/3PN-S		PS320/3PN-S
Rated System Voltage		Tri-Phase 4W + GND GDT for N-G			
		120/208V	220/380V	230/400V	240/415V
MCOV (Vac)	L-N	150	180	275	320
	N-PE	150	150	255	255
$I_n$ (kA) -8/20 $\mu$ S- / $I_{max}$ (kA) -8/20 $\mu$ S-		20 / 50			
VPR(Vpk) (kV)	L-N	0.7	1.0	1.0	1.2
	N-PE	0.9	0.9	0.9	0.9
SCCR(kA)		200			

## ● Basic Circuit Diagram



## ● Dimension



	Size (inch/mm)
W	2.83 / 72
H	3.54 / 90
A	1.98 / 50.2
B	2.53 / 64.3