

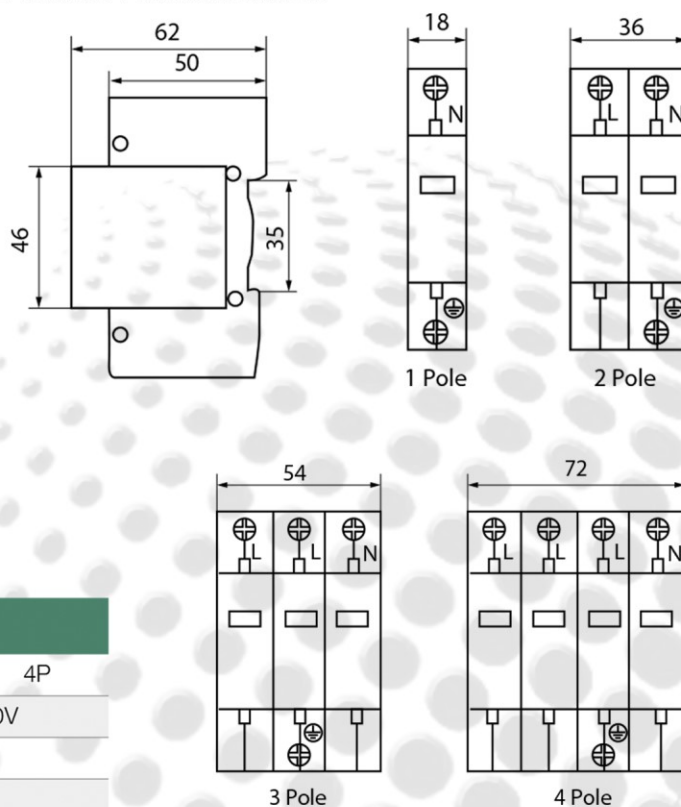
# Type 2 AC Surge Protective Device

## ► Application

FSP-A series surge protection device (in short SPD, alias: surge suppressor surge arrester) is suitable for TN-S, TN-C-S, TT, IT etc, power supply system of AC 50/60Hz, <380V, installed on the joint of LPZ1 or LPZ2 and LPZ3. It's designed according to IEC61643-1, GB18802.1, it adopts 35mm standard rail, there is a failure release mounted on the module of surge protection device, When the SPD fails in breakdown for over heat and over-current, the failure release will help electric equipments separate from the power supply system and give the indication signal, green means normal, red means abnormal, it also could be replaced for the module when has operating voltage.



## ► Overall Dimensions



## ► Product Features

IEC/EN 61643-11

- Inside over-current and over-heat protection, temperature control open circuit.
- Module design, convenient installation, could be replaced online.
- Time of response <25ns
- The color of visible window shows operating status, green means normal, red means abnormal

## ► Specifications

Technical Parameters						
Pole		1P	2P	3P	4P	
Rated Operating Voltage $U_n(V\sim)$		230V/275V		385V/420V		
Maximum Continuous Operating Voltage $U_c(V\sim)$		275/385/420VAC				
Voltage protection Level $U_p(V\sim)kV$		$\leq 2.5$				
Nominal Discharge Current $I_n \mu s$ kA		5	20	30	40	60
Maximum Discharge Current $I_{max} \mu s$ kA		10	40	60	80	100
Response Time (ns)		<25				
Test Standard		IEC61643.1, GB18802.1				
Operating Environment (centigrade)		$-40^\circ C \sim +85^\circ C$				
Max Connection Line		35mm <sup>2</sup> hard wire/35mm <sup>2</sup> strand wire copper line				
Recommended Connection Line		16mm <sup>2</sup> hard wire/25mm <sup>2</sup> strand wire copper line				
Installation		Standard Rail 35mm				
Material of Outer Covering		Burning-proof Nylon				



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