

## SURGE PROTECTION DEVICE- SPD-D



### DESCRIPTION / APPLICATION

SPD-D series surge protective device (SPD) is suitable for TN-S, TN-C-S, IT and other power supply systems with AC 50/60Hz and 380V. It can be used as an equipotential connection at the interface between LPZ1, LPZ2 and LPZ3, and its design is in accordance with EC61643-1. The housing is designed to be mounted on a 35mm DIN rail with a built-in failure escape device. When the SPD fails due to overcurrent /overheating/breakdown, the failure release will help electric device separate from the power system and give the indication signal, green means normal, red means abnormal, it's also could be replaced for the module when has operating voltage.

### Features

Could be replaced for the module not need power cut.

Maximum current of endure the lightning stroke 8kA(8/20s).

Time of response < 25ns.

The color of visible window shows operating status, green means normal, red means abnormal.

### MAIN TECHNICAL DATA

Maximum Continuous Operating Voltage $U_c$ V $\sim$	275/320/385
Voltage Protection Level $U_p$ V $\sim$ kV	≤1.5
Nominal Discharge Current $I_n$ 8/20s	5kA
Maximum Discharge Current $I_{max}$ 8/20s	8kA
Response Time ns	<25

Test Standard	IEC61643-1	
L/N The Cross Section of L/N Line	6mm <sup>2</sup>	
PE The Cross Section of PE Line	10mm <sup>2</sup>	
Fuse or Switch A	10A	16A
Operated ambient temperature °C	-40~+85	
Relative Humidity	95%	
Installation	Standard Rail 35mm	
Material of Outer Covering	Fiberglass	

## DIMENSIONS AND MOUNTING

