

YCS6-D Surge Protection Device



General

YCS6-D series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. Its design corresponds to IEC61643-1. The product is usually installed in the incoming line low voltage distribution box of the building, and it can release 20kA lightning stroke current.

The lightning current SPD protection with protection level: III is applied to the Equipotential bonding when the lightning strike. YCS6-D Device should be installed in the boundary of LPZ1, LPZ2 and LPZn, usually in front of the residential distribution box, computer center, informational equipment, electronic equipment and controlling equipment or in the nearest socket box.

Specifications

Parameters	Product Model			
	YCS6-D			
Rated Operating Voltage $U_c(V\sim)$	220V	380V	220V	380V
Maximum Continuous Operating Voltage $U_c(V\sim)$	275V	385V	275V	385V
Voltage Protection Level $U_p(V\sim)kV$	≤ 0.7	≤ 1.0	≤ 1.2	≤ 1.5
Nominal Discharge Current $I_n(8/20\mu s)kA$	5		10	
Maximum Discharge Current $I_{max}(8/20\mu s)kA$	10		20	
Response Time ns	< 25			
Test Standard	IEC61643-1			
L/N(mm ²)The Cross Section of L/N Line	2.5			
PE(mm ²)The Cross Section of PE Line	6			
Fuse or Switch(A)	10A, 16A		16A, 25A	
Operating Environment °C	-40°C ~ +85°C			
Relative Humidity(25°C)	$\leq 95\%$			
Installation	Standard Rail 35mm			

Overall and mounting dimensions(mm)

