

Application

YTTS1-C40 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.



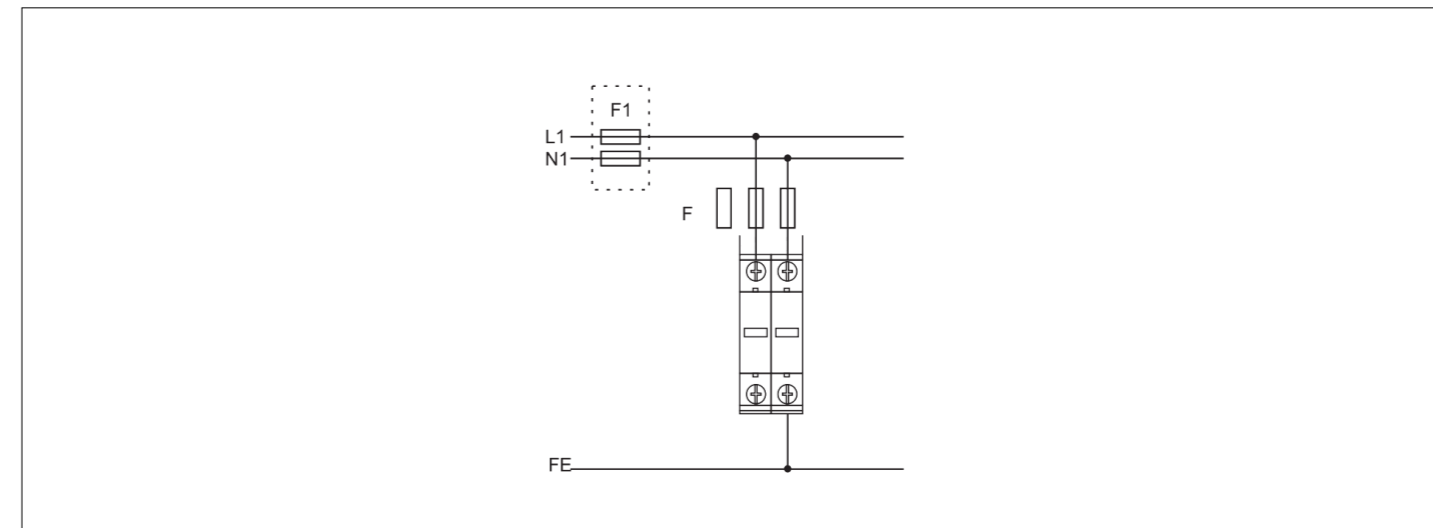
Specifications

Product Model	YTTS1-C40		
Pole	1P+N	2P	4P
Rated Frequency	One port		
SPD Category	Combined type		
Test Category	Class II test		
Maximum Continuous Operating Voltage U _c	275VAC	275VAC	385VAC
Voltage Protection Level U _p (8/20μs)	≤1.5kV	≤1.5kV	≤1.8kV
Nominal Discharge Current I _n (8/20μs)	20kA		
Maximum Discharge Current I _{max} (8/20μs)	40kA		
Response Time t _A	≤25ns		
Size	18x90x72	36x90x72	72x90x72
Failure Indication	Green: Normal Red: Failure		
Sectional Area Of Wires	6~25mm ²		
Installation Method	35mm standard rail		
Working Environment Temperature	-40°C ~ +85°C		
Sheathing Material	Plastic		
Protection Level	IP20		
Executive Standard	IEC 61643-11		

Features

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

Wiring Diagram



Dimension

