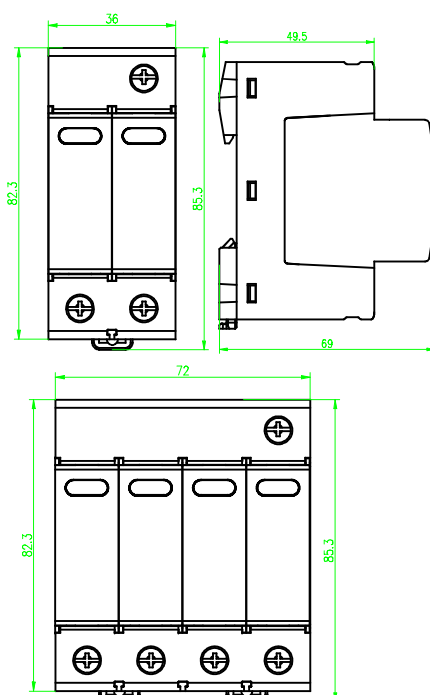




AC Surge Protection Device

Description

SPD's protect electrical and electronic equipment against transients, originating from lightning, switching of transformers, lighting and motors. These transient voltages can cause premature ageing of equipment, downtime, or complete destruction of electronic components and materials. SPDs are strongly recommended on installations that are exposed to transient voltages, to protect sensitive and expensive electrical equipment such as TV, video, Hi-Fi, PC, alarm etc.



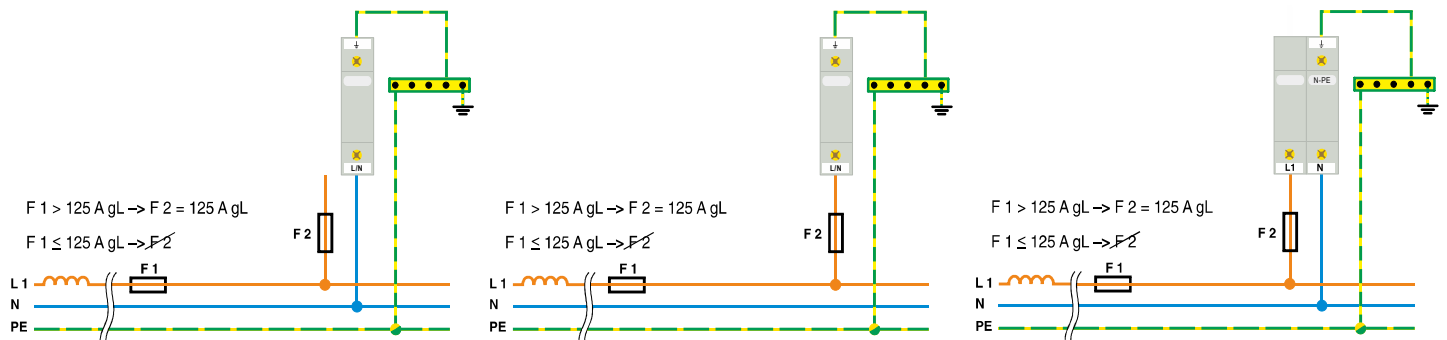
Part No	Description	Qty
WSPD140	1 Pole 20kA/40kA Type 2 Surge Protection Device	120
WSPD240	2 Pole 20kA/40kA Type 2 Surge Protective Device	60
WSPD340	3 Pole 20kA/40kA Type 2 Surge Protective Device	40
WSPD440	4 Pole 20kA/40kA Type 2 Surge Protective Device	30

Technical Data

Part No.	WSPD140	WSPD240	WSPD440	WSPD440
Technology	MOV	MOV+GSG	MOV	MOV+GSG
Type	Type2	Type2	Type2	Type2
Network	230 V single-phase	230 V single-phase	230/400 V 3-phase	230/400 V 3-phase+N
Max. AC operating voltage U_c	275V			
Temporary Over Voltage (TOV) Characteristics - 5 sec. UT	335 Vac withstand			
Temporary Over Voltage (TOV) Characteristics - 120 mn UT	440 Vac disconnection			
Nominal discharge current I_n	20 kA			
Max. discharge current I_{max}	40kA			
Total Maximum discharge current I_{max} total	40kA			
Withstand on Combination waveform IEC 61643-11 U_{oc}	6kV			
Protection level U_p	1.5kV			
Protection level N/PE at 5 kA	0.7 kV			
Residual voltage L/PE at 5 kA	0.7 kV			
Admissible short-circuit current	25kA			
Connection to Network	By screw terminals: 2.5-25 mm ²			
Mounting	Symmetrical rail 35 mm (DIN 60715)			
Operating temperature	-40 / +85°C			
Protection rating	IP20			
Failsafe mode	Disconnection from AC network			
Disconnection indicator	1 mechanical indicator by pole - Red/Green			
Back-Up Fuse	125 A max. gL / gG			
Standards compliance	IEC 61643-11 / EN 61643-11			



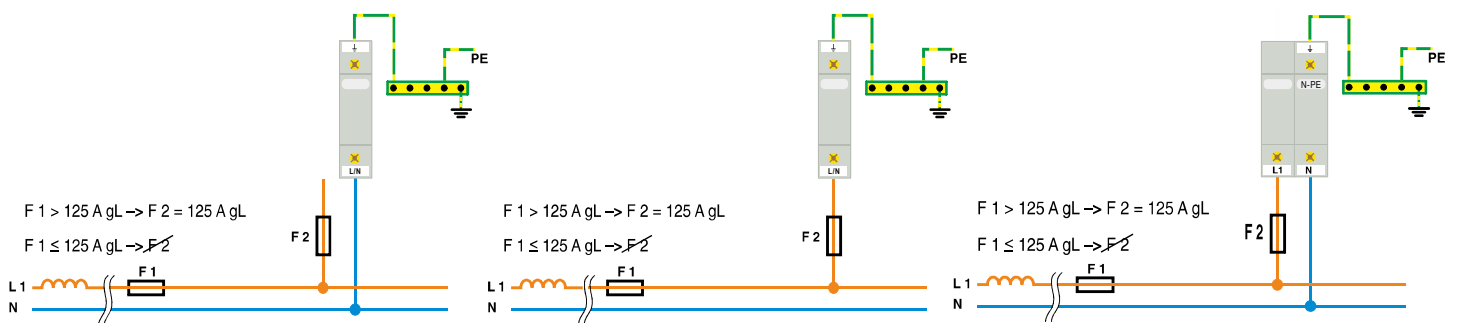
TN-S System



This wiring layout is recommend for WSPD140



TT System



This wiring layout is recommend for WSPD140

