

SURGE PROTECTOR PRODUCT

D Class Single Phase AC Power Surge Protective Device



FEATURES

- Thermal disconnect device
- High current capacity, quick response
- Low residual voltage, free of leakage current
- Remote warning
- 40kA maximum surge current
- Easy installation with Din rail mounting
- Status indicators visually verify protection level
- Plug connectors for quick and easy connection or rewiring

APPLICATIONS

- Protection of C class AC Power System
- Protection of power distribution system
- Protection of terminal devices
- Sensitive electronic equipment
- Telecom centers
- Automatic control centers
- Intelligent buildings
- Industrial enterprises
- Medical institutes
- CCTV, Solar Cell



SPECIFICATIONS

Model	SP-PD20-275/2
Nominal operating voltage U_n	220/270VAC
Maximum continuous operating voltage U_c	275VAC
Nominal discharge current I_n (8/20 μ s)	10KA
Maximum discharge current I_{max} (8/20 μ s)	20KA
Protection level U_p (8/20 μ s,20KA)	$\leq 1.2KV$
Response time T_a	$\leq 25ns$
Protection modes	4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE
Front circuit breaker	63A
Dimension	90*36*65mm
Weight	250-1200g
Mounting type	DIN rail : 35mm
Housing material	Anti-flaming
Index of protection	IP20
Operating environment	Temperature:-40--+85°C humidity: $\leq 95\%$
Remote control (optional)	Normally closed, normally open or COM
warranty	Five-year warranty, three-year replacement
Standards Compliance	IEC 61312-1, IEC 61312-3 (pending),IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending) , IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651