

SURGE PROTECTOR PRODUCT

DC power surge protector 1000VDC, In: 20kA, I_{max} 40kA, Up: 3500V, Protection mode: +/-PE



FEATURES

- Thermal disconnect device
- High current capacity, quick response
- Low residual voltage, free of leakage current
- Remote warning
- Easy installation with Din rail mounting
- Plug connectors for quick and easy connection or rewiring

APPLICATIONS

- PV combiner box
- DC power system
- DC distribution box
- DC switchboard
- Electronic information system box
- Output of second Power equipment
- CCTV, Solar Cell



SPECIFICATIONS

Model	SP-PC40-1000DC
Nominal operating voltage Un	1200VDC
Maximum continuous operating voltage Uc	1000VDC
Nominal discharge current In (8/20μs)	20KA
Maximum discharge current I _{max} (8/20μs)	40KA
Protection level Up (8/20μs,20KA)	≤3.5KV
Response time Ta	≤25ns
Protection modes	3: star type, 2: +/- -PE
Dimension	90*54*65mm
Weight per unit	387g
Mounting type	DIN rail : 35mm
Housing material	Anti-flaming
Index of protection	IP20
Operating environment	Temperature:-40-+85°C humidity: ≤95%
Remote control (optional)	Normally closed, normally open or COM
Warranty	5-year warranty, 3-year replacement
Standards Compliance	IEC61643-11, 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