

POWER ARRESTER (3상/병렬형)



**3상 : 3P4W
(AC220V/380V)**

Power Arrester PSP-Series is designed for AC power supplies lines. This unit is especially beneficial for protecting a instrument from counter electromotive force by inductors and of course normal lightning surge entering through power supply lines.

FEATURE

- APPLICATIONS : PROTECTION OF MEASUREING ENVIRONMENT MEASRUNG INSTRUMENTS FROM SURGE OR LIGHTNING INDUCED BY AC POWER SUPPLY LINE.
- LED LAMP INDICATE THE POWER ON/OFF AND OPERATION STATE.
- ADOPT ALL MATERIALS THAT ACQUIRED INTERNATIONAL SAFETY STANDARDS REGULATION LIKE UL, CE, CSA CERTIFICATE"
- PROTECTION FUNCTION :Thermal&Short Circuit Fuse, 2-Stage Surge Protect Noise Filtering(EMI/RFI)"
- Wire Connection: Paralle
- POWER LINE : POWER LINE : 3 PHASE 3 WIRE, 3PHASE 4 WIRE"
- MOUNTING : WALL MOUNTING TYPE
- MAIN PROTECT MATERIALS : MOV(Metal-oxide varistor)
- APPLICATIONS: UPS

Technical data

| Model | PSP-40- | | PSP-80- | | PSP-120- | |
|---|---|----------------|---|----------------|-----------------|----------------|
| | 322/411 | 322/422 | 322/411 | 322/422 | 322/411 | 322/422 |
| Nominal voltage | 220V/AC | 380V/AC | 220V/AC | 380V/AC | 220V/AC | 380V/AC |
| Rated voltage | 275V/AC | 400V/AC | 275V/AC | 400V/AC | 275V/AC | 400V/AC |
| Nominal Discharge current(Mode:8*20 μ sec) | 40KA | | 80KA | | 120KA | |
| Max Discharge current(Phase:8*20 μ sec) | 80KA | | 160KA | | 240KA | |
| Total Discharge current(3P3W) | 120KA | | 240KA | | 360KA | |
| Total Discharge current(3P4W) | 160KA | | 300KA | | 480KA | |
| Respons time | ≤ 25 nsec | | ≤ 100 nsec | | ≤ 100 nsec | |
| Voltage protection level at 5KA(8*20 μ sec)Up($\pm 10\%$) | ≤ 750 V | $\leq 1,35$ KV | ≤ 750 V | $\leq 1,35$ KV | ≤ 750 V | $\leq 1,35$ KV |
| Upstream fuse(back-up fuse) | | | 125A gL/gG | | | |
| Insulation Resistance | | | 1000M Ω | | | |
| Capacitance | | | 2pf(1MHz) | | | |
| Temperature range | | | -40 $^{\circ}$ C to + 80 $^{\circ}$ C($\pm 5^{\circ}$ C) | | | |
| Ip code | | | IP20/NEMA | | | |
| Dimension(mm) | | | 189W*151H*60D | | | |
| Case material | | | Steel | | | |
| Weight | | | 1,8Kg | | | |
| Tested to | IEC61643-1, IEEE C62.34/IEEE C62.62 E DIN VDE 0675-6 | | | | | |
| A1,A2 to IEC 61643-1 | class II | | | | | |
| VDE Part 6 requirement class | C | | | | | |
| Ground | Isolated | | | | | |
| Mounting | Rail | | | | | |