

Type 1 +Type 2 /Class B+C Surge protection device for AC power system

Own designed gap technology (switch type)

MA25S series (with TUV mark + CE certificate)



MA25S/1+N



MA25S/3+N

Marking on side of SPDs:



Description:

MA25S series products are the upgraded version of MA25 series, using own designed gap technology, with more excellent parameters, mainly used for Type 1+Type 2 protection of power distribution systems (10 / 350μs), and are used to protect electrical and electronic equipment from the damage of lightning electromagnetic pulse induced voltage, operating transients and resonance (<100μs) overvoltage, it widely used in power supply protection in communication equipment, electrical, electrical appliances, power equipment, CCTV, transportation, industrial control, aviation and other fields.

Feature:

- Own designed spark gap technology,
- Excellent parameters
- DIN rail mounting for easy installation
- Remote Remote signalling,
- No leakage current, low residual voltage
- Thin module design, easy to install, simple for maintance,
- Latest arcing technology, avoid fire accident thoroughly
- Special impact fuse with high reliability
- International famous core component with excellent performance
- High quality products with CE, TUV certificates

Application



Class B+C/Type 1+2 Surge Protective Device for AC Power System.

Power distribution box(cabinet)

AC cabinet

PV investor

Switch power supply

Column head cabinet

F.Charging station/charging point

Sensitive electronic equipment

Telecom centers

Automatic control centers

Intelligent buildings

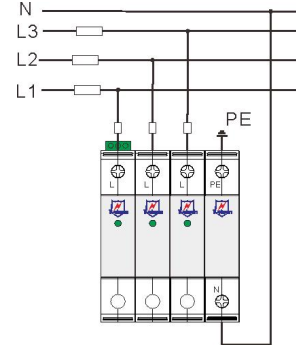
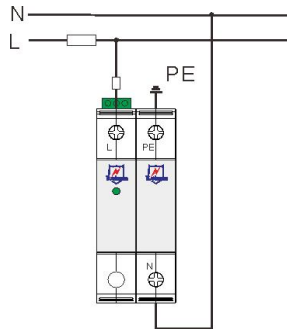
Industrial enterprises

Medical institutes

IT, TT, TN-C, TN-S, TN-C-S and other power supply syste

Technical parameters

| Model | MA25S | MA25S/2 | MA25S/1+N | MA25S/4 | MA25S/3+N |
|--|--|---------------------|-----------|----------------------|-----------------|
| Lighning proection zone(LPZ) | 1-2 | | | | |
| Standards Compliance | IEC61643-11, EN60950 | | | | |
| Classification | Class B+C /Type 1+2 | | | | |
| Nominal working voltage Un | 220-240V AC | | | 380-440V AC | |
| Max continuous operating voltage Uc | L-N 385V, N-PE 255V | | | | |
| Max discharge current (10/350μs) | L-N 25KA, N-PE 100KA | | | | |
| Nominal discharge current In | L-N 25KA, N-PE 100KA | | | | |
| Max discharge current Imax (8/20μs) Imax | L-N100KA, N-PE:200KA | | | | |
| Follow current interrupt rating Ifi | 25KArms/200Arms | | | | |
| Short-Circuit Current Rating Isccr | 25KA | | | | |
| Temporary overvoltage (TOV)(L-N) Ut | 440 V / 120 min. – withstand | | | | |
| Temporary overvoltage (TOV) [N-PE] Ut | 1200 V / 200 ms – withstand | | | | |
| Leakage current at voltage Uc | ≤3mA/ 0mA | | | | |
| Voltage protection level 8/20μs Up | ≤1500V | | | | |
| Response time tA (L-N/N-PE) | 100ns | | | | |
| Protection model | L-PE | L/N-PE | L-N, N-PE | L1/L2/L3,N-PE | L1/L2/L3-N,N-PE |
| Dimension | 91 (H)×18(W)×65(L)mm | 91(H)×36(W)×65(L)mm | | 91 (H)×72(W)×65(L)mm | |
| Remote alarm contact | Dry contact | | | | |
| Mounting | DIN rail Mounting 35mm | | | | |
| Housing material | PA66 UL94 V-0 | | | | |
| IP code | IP20 | | | | |
| Working conditions | Temperature: -40 to 80℃, Relative humidity: ≤95% | | | | |
| | | | | | |
| Wiring diagram | | | | | |



Dimension

