

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 maintenance,
- 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

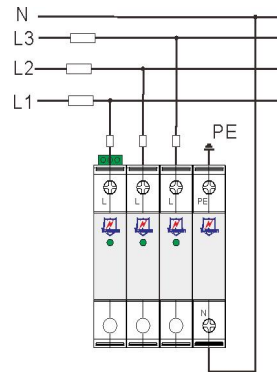
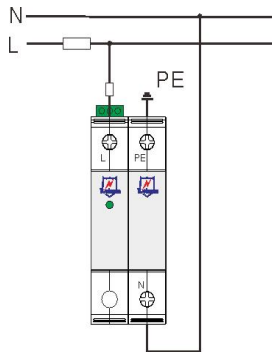
Industrial enterprises

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 I _{max} (8/20μs)	L-N100KA, N-PE:200KA				
Follow current interrupt rating I _{fi}	25KArms/200Arms				
Short-Circuit Current Rating I _{sc}	25KA				
Temporary overvoltage (TOV)(L-N) U _t	440 V / 120 min. – withstand				
Temporary overvoltage (TOV) [N-PE] U _t	1200 V / 200 ms – withstand				
Voltage protection level 8/20μs U _p	≤1500V				
Response time t _A (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	
Mounting	DIN rail Mounting 35mm				
IP code	IP20				
Working conditions	Temperature: -40 to 80°C, Relative humidity: ≤95%				
Wiring diagram					



Dimension

