

Type 1 + 2 /Class B+C Surge Protection Devices Compound type (MOV+GDT Technology)

MA50M40B series



Description:

Compound surge protection devices (SPDs) are advanced surge protection systems designed to provide enhanced protection against transient overvoltages and surges in electrical systems. They typically combine multiple surge protection technologies to offer a comprehensive and robust defense. Here are some features and applications of compound surge protection devices:

Feature:

- a. Multistage Protection:** own designed multiple stages of protection, Each stage is optimized for specific voltage levels and response times, providing a layered defense against different types and magnitudes of surges.
 - b.** Low Let-through Voltage
 - c.** High Surge Current Capacity
 - d.** Thermal Protection
 - e.** Modular Design
- d.** long long service life

Application

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

Power distribution box(cabinet)

AC cabinet

Switch power supply

Column head cabinet

Industries with complex electrical systems

Sensitive electronic equipment

Data centers

Telecommunication Networks

Automatic control centers

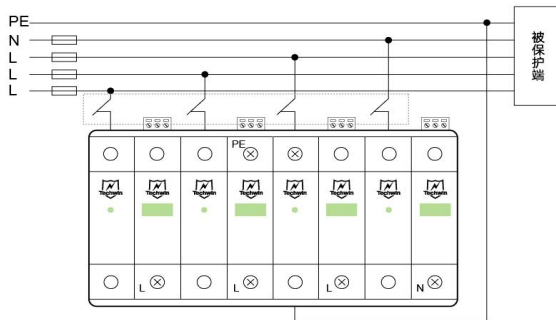
Intelligent buildings

Medical institutes

wind turbines

Technical parameters

Model	MA50M40B	MA50M40B/2	MA50M40B/4
Lighning proection zone(LPZ)	1-2		
Standards Compliance	IEC61643-11		
Classification	Class B+C /Type 1+2		
Nominal working voltage Un	220/380V	220V	380VAC
Max continuous operating voltage Uc	385/440V		
Max discharge current Iimp	50KA		
Nominal discharge current In	50KA		
Total discharge current L/N-G Itotal 10/350μs	50KA	100KA	200KA
Total discharge current L/N-G Itotal 8/20μs	100KA	200KA	400KA
Voltage protection level Up	≤1200V		
Response time tA	25ns		
Protection mode	L/N-PE	L、N-PE	L1、L2、L3、N-PE
Dimension	91 (H)×36(W)×68(L)mm	91(H)×72(W)×68(L)mm	91 (H)×144(W)×68(L)mm
Module qty	2	4	8
Mounting	DIN-rail Mounting 35mm		
IP code	IP20		
Working conditions	Temperature: -40 to 80℃, Relative humidity: ≤95%		

Wiring diagram

Dimension
