

LY1-12.5 AC Surge protective device

Application

This Type 1+2 AC surge protective device is designed according to IEC / EN 61643-11 & GB 18802.11 which is for installation at LPZ 0A -2 or higher, protecting low voltage equipment against lightning and surge damages. Applied SPD Modular in Class I+II (Class B+C) for various power supply system.



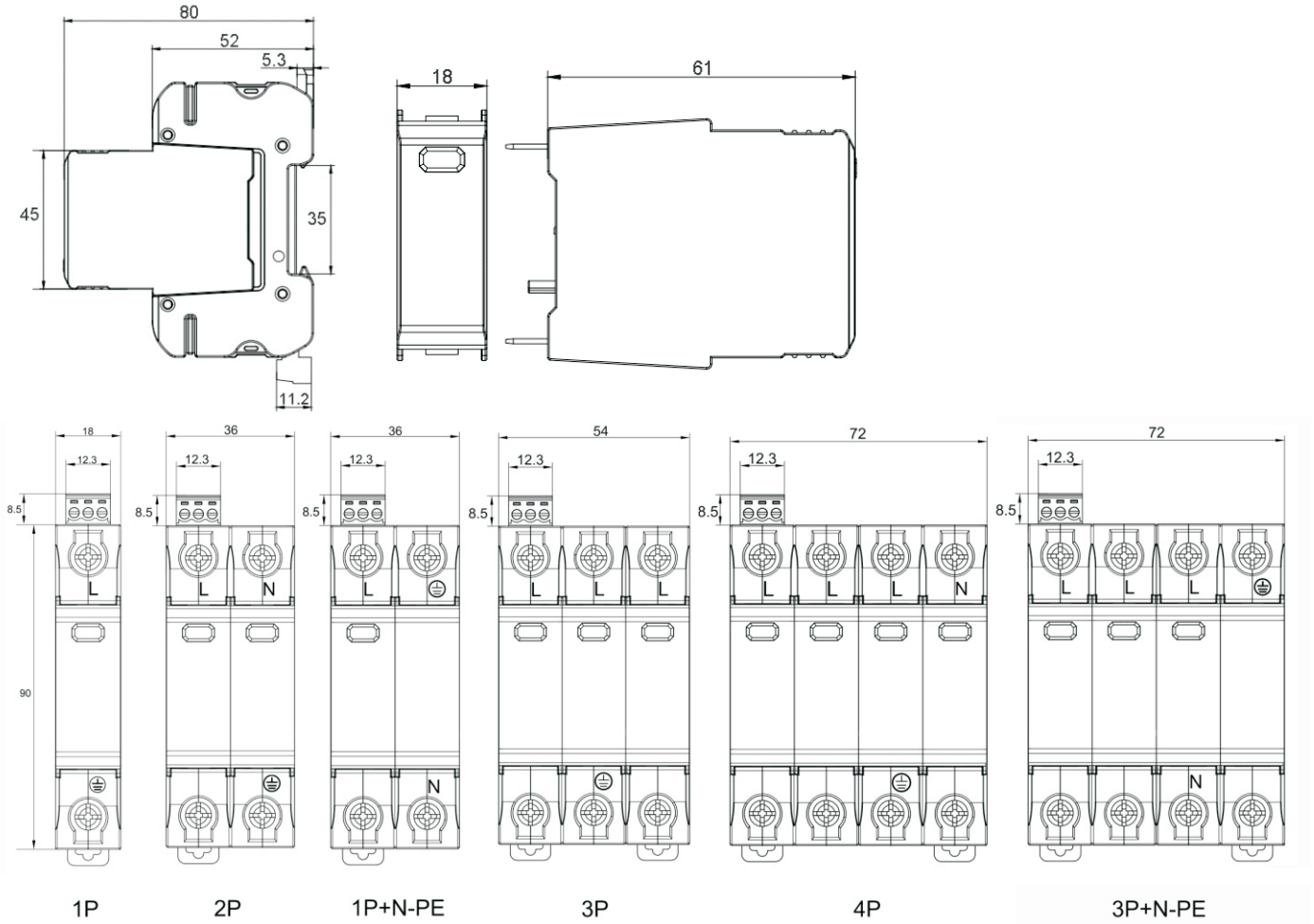
Main features

1. 10/350 μ s, 8/20 μ s T1+ T2 protection.
2. High discharge capacity, quick response, plugged module.
3. Double thermal disconnection devices, providing more reliable protection.
4. Visual window display, green means normal, Red means defect(need to change new module).
5. Remote signaling contact optional.
6. Voltage can be customized.

Technical parameter

Model	LY1-12.5
Test standard	IEC/EN 61643-11;GB18802.11
SPD type	T1+T2/Class I+ II
Maximum continuous operating voltage U_c	275V AC
Nominal discharge current (8/20 μ s)	20kA
Max. discharge current(8/20 μ s)	50kA
limp current(10/350 μ s)	12.5kA
Voltage protection level U_p	1.5kV
Response time T_a	25ns
Poles	1P, 2P, 3P ,4P ,1P+ N-PE, 3P+ N-PE
Matched fuse or circuit breaker	63A
Connection wire specification	6mm ² (L/N); 10mm ² (PE)
Mounting	35mm Din Rail
Type of remote signaling contact (Optional)	C+ NC:Normally closed C+ NO:Normally open C: Common contact
Max. Voltage/Current for remote signaling	1A/2A/3A 125V AC
Wiring for remote signaling	1.5mm ² max.
Operating temperature	-40°C to + 80°C
Shell material	UL94-V0 fireproof material
Certificates	TUV CB CE RoHS ISO9001:2015

Dimension details(unit:mm)



Installation diagram

