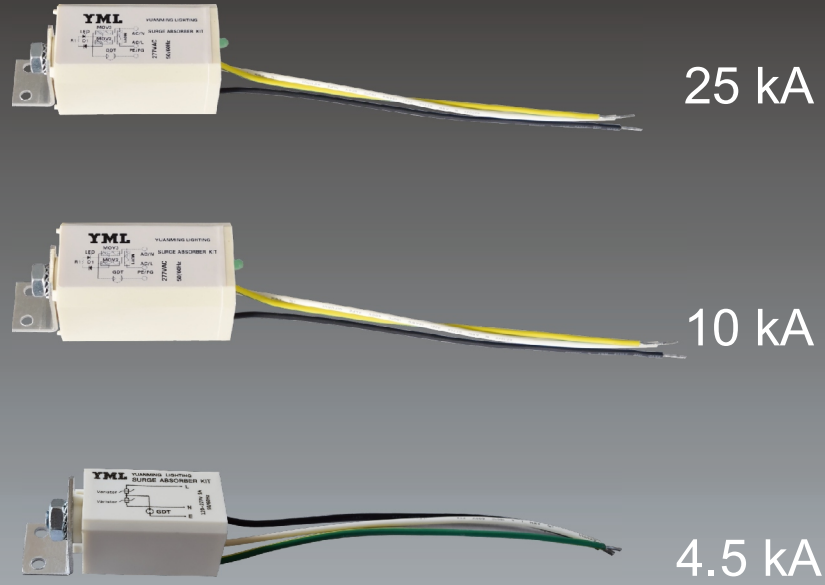


## Surge Protection Device

### YML-SPD Series

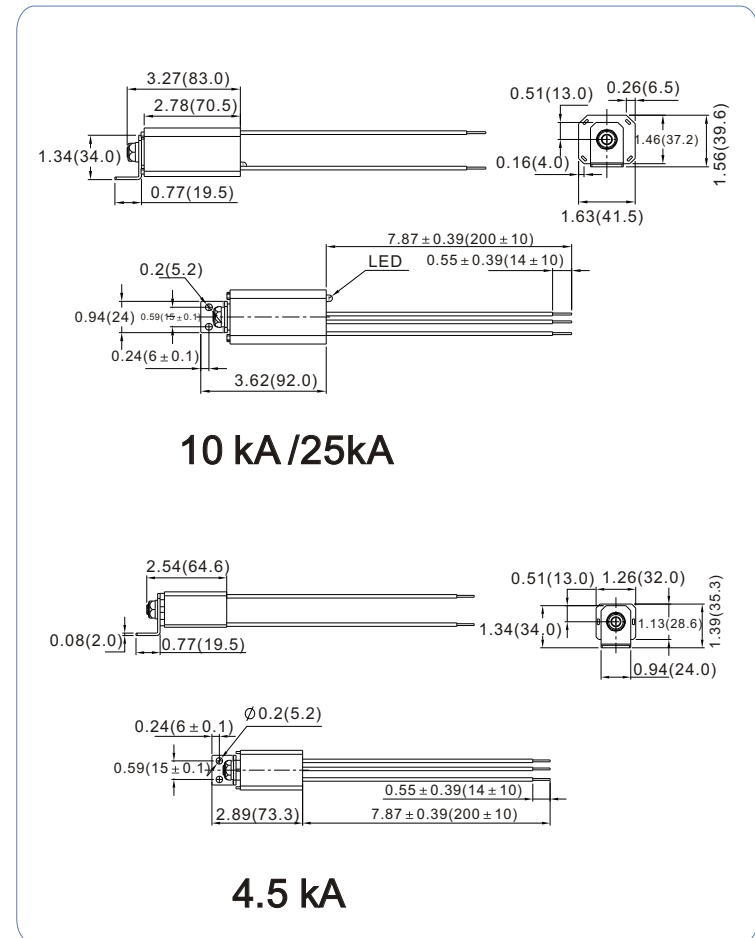


### Applications

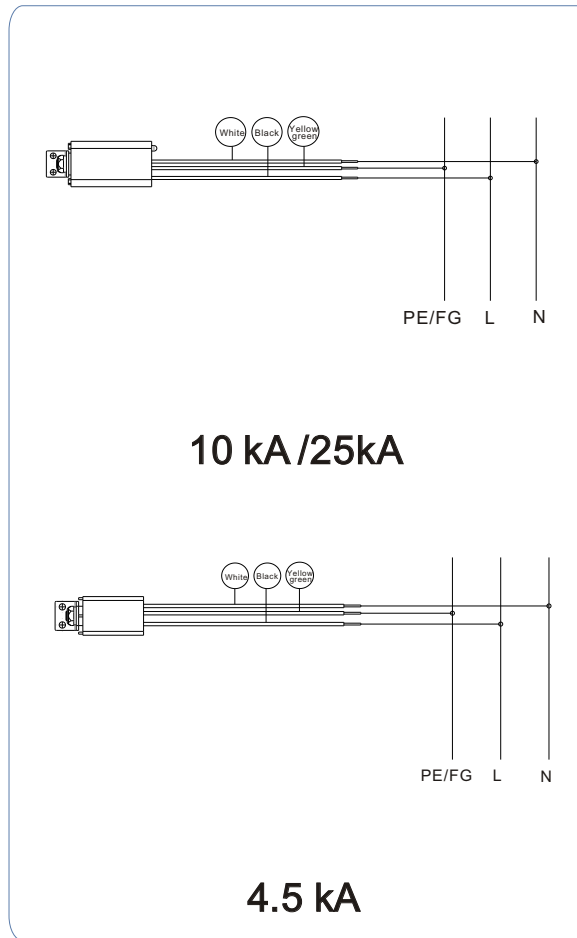
Suitable for the surge protection of induction ballast and LED driver.

- Build-in GDT, LED indicator(only 10,25 kA).
- Type 2 component assemblies.
- Line to Line & Line to Ground protected.
- Parallel (3 wires) connection style.
- IP 67 design for indoor or outdoor installations.

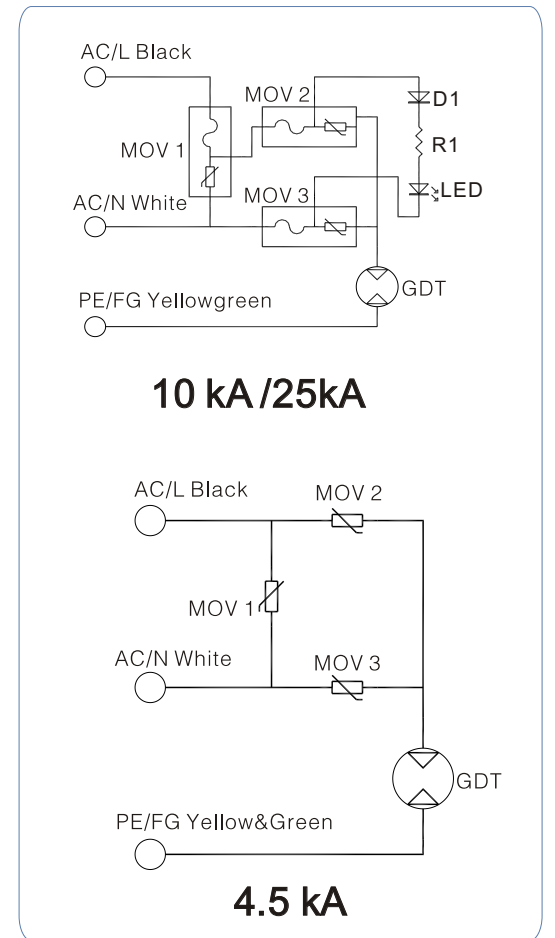
### Dimension [Unit Inch(mm)]



### Connection Diagram



### Circuit Diagram



Model	Operating Voltage	MCOV <sub>(Max. Continuous Operating Voltage)</sub>	VPR(Voltage Protection Rating)	Max. Surge Current (8/20us)	Response Time	Withstand Voltage(Note1)	Operating Temperature	Safety Standards
YML-SPD-25-P	100~277VAC 50/60 HZ	320 VAC	1500V (L-FG,N-FG,L-N)	25 kA	<125ns	1600VAC 1 minute	-40° C~+70° C	U L 1 4 4 9 , IEC61643-11
YML-SPD-10-P				10 kA				
YML-SPD-4.5-P				4.5 kA				

### Notes:

1. Mov 2 and Mov 3 must be removed during this test. The position of Mov 2 and Mov 3 is as shown in the circuit diagram.
2. The device (not including 4.5 kA) has been subjected to Surge testing and Short Circuit Current testing by employing a class J Fuse Rated 15A and minimum 690VAC.