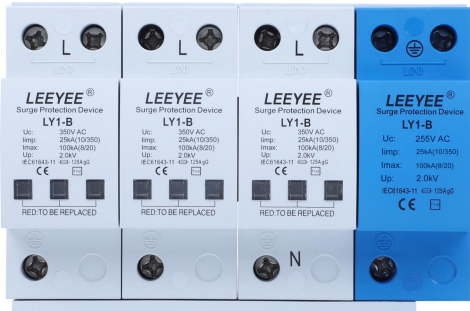


T1+T2 Type AC surge protective device

Uc: 350V AC; Iimp: 25kA; Imax: 100kA Up: ≤2.0kV; 3P+N-PE



	Max continuous working voltage(V)		Suggested backup fuse
	Connecting cable		Flammability according to UL94
	Can be install on mounting rail		Rated frequency
	Protection degree		Ambient temperature
	Thermal fuse		Varistor
	Optical signal		

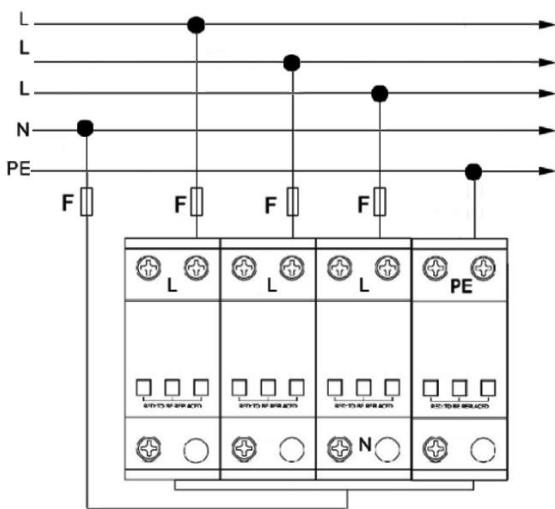
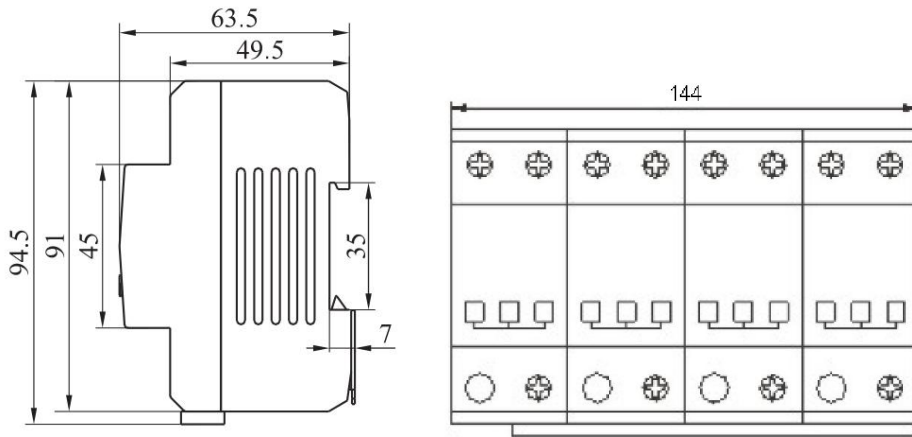
Application

This T1+T2 surge protective device is mainly used in 380V and below power supply system. Applied low voltage standard IEC EN 61643-11 to protect against AC power line system and other equipment from over voltage and instantaneous over voltage damage. It has advantages of large discharge current, fast respond time and low residual voltage.

Technical Parameter

Model	LY1-B
Test standard	EN 61643-11 2012
IEC test classification	T1+T2/Class I+Class II
Nominal voltage Un	380V AC
Maximum continuous operating voltage Uc	385V AC
Iimp current (10/350μs)	25kA
Max discharge current (8/20μs)	100kA
Poles	3P+N-PE
Voltage protection level Up	≤2.0KV
Response time Ta	100ns
Connecting cable	6mm ² (L-N); 10mm ² (PE)
Method of Installation	35mm Din Rail
Protection mode	L-N, N-PE
Matched circuit breaker or fuse	63A

Dimension and drawing(Unit: mm)



Installation Precautions:

1. Before install surge protection device, must be sure power is off, and connection wire must meet requirement.
2. After installation, insert the lightning protection module into place and check if the work is normal.
3. When surge protection device window color shows red, then must stop to use and change new module.
4. Surge protection device no need special maintenance. Only to check whether the connection is loose and the status indication is normal is fine.