

WR-T1-AC

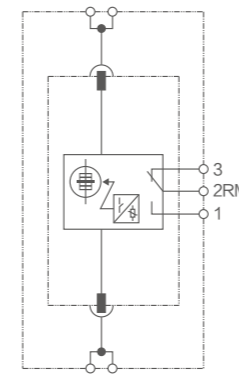
For installation at LPZ 0_A-1 or higher, protecting low voltage equipment against lightning and surge damages.
Applied in PSD Class I (Class B) for various power supply system.
Designed according to IEC 61643-1/GB 18802.1.

- 10/350 μ s, 8/20 μ s sparkgap
- Single-pole lightning current arrester, pluggable
- Adopt hermetical GDT technology, high follow current extinguishing capability
- Extremely low voltage protection level
- Double terminals for parallel or series(V-shape) connection
- Multifunctional connection for conductors and busbars
- Green window will change to red when fault occurs, also provide remote alarm terminal at the same time

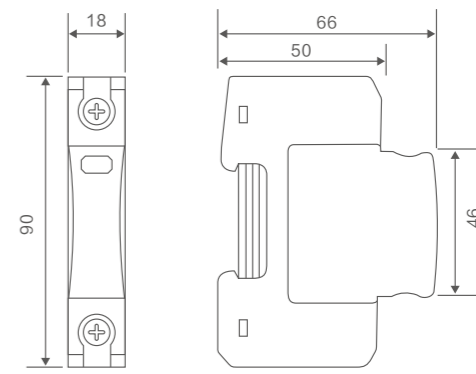


Type	WR-T1-AC
Rated voltage (max.continuous a.c.voltage) [U _c]	385V or 275V
Lightning impulse current (10/350) [I _{imp}]	15kA
Nominal discharge current (8/20) [I _n]	50kA
Voltage protection level [U _p]	≤1.8kV
Follow current extinguishing capability at U _c [I _f]	32A fuse will not be triggered at 2kA _{max} 255V
Response time [t _A]	≤100ns
Max.backup fuse(L)	200A gL/gG
Max.backup fuse(L-L')	125A gL/gG
TOV voltage	355V / 5sec
Operating temperature range (parallel wiring) [T _{up}]	-40°C...+80°C
Operating temperature range (through wiring) [T _{us}]	-40°C...+60°C
Cross-sectional area	35mm ² solid / 50mm ² flexible
Mounting on	35mm DIN rail
Enclosure material	Purple (module) / light gray (base) thermoplastic,UL94-V0
Dimension	2 mods
Test standards	IEC 61643-1; GB 18802.1; YD/T 1235.1
Certification	CE ROHS ISO9001 CQC TUV
Type of remote signalling contact	Switching contact
Switching capacity a.c	250V / 0.5A
Switching capacity d.c	250V / 0.1A; 125v/0.2A; 75v/0.5A
Cross-sectional area for remote signalling contact	Max. 1.5mm ² solid / flexible

Type	WR-T1-AC
Packing unit	4pc(s)
Weight	112g



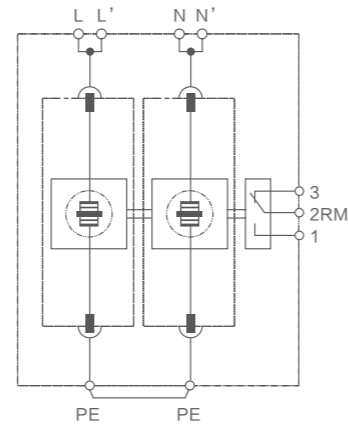
WR-T1-AC Basic circuit diagram



WR-T1-AC Dimension diagram



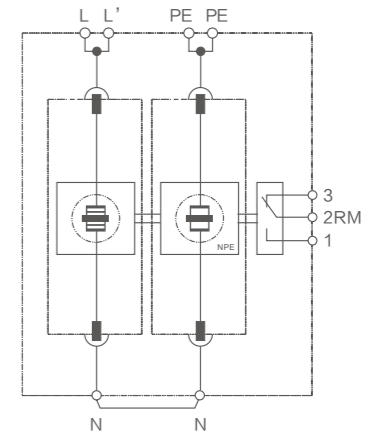
WR-T1-AC / 2P



Type	WR-T1-AC / 2P
Packing unit	2pc(s)
Weight	197g



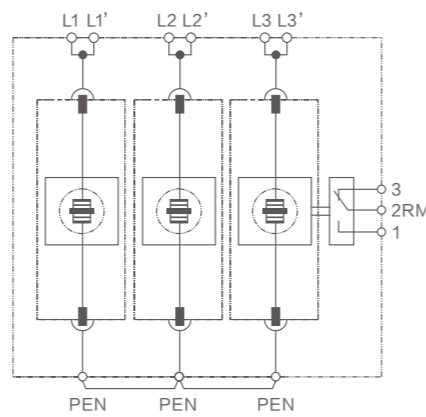
WR-T1-AC / 1+NPE



Type	WR-T1-AC / 1+NPE
Packing unit	2pc(s)
Weight	213g



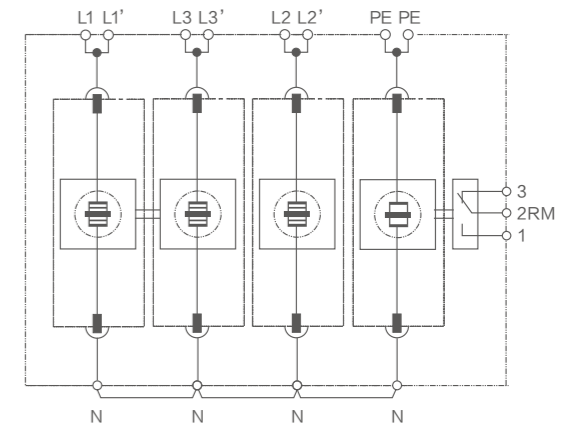
WR-T1-AC / 3P



Type	WR-T1-AC / 3P
Packing unit	1pc(s)
Weight	294g



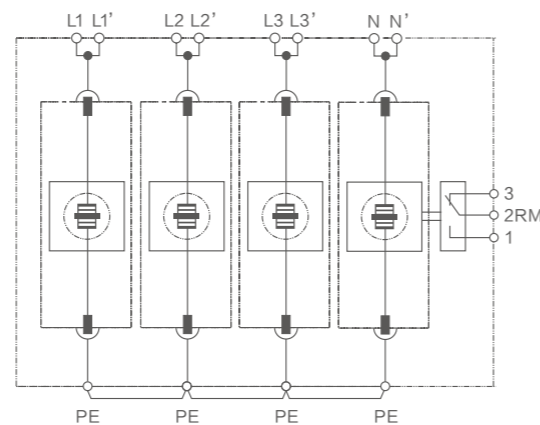
WR-T1-AC / 3+NPE



Type	WR-T1-AC / 3+NPE
Packing unit	1pc(s)
Weight	370g



WR-T1-AC / 4P



Type	WR-T1-AC / 4P
Packing unit	1pc(s)
Weight	384g