

# WR-T1T2-AC

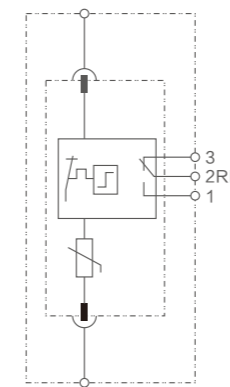
For installation at LPZ 0<sub>A</sub>-1 or higher, protecting low voltage equipment against lightning and surge damages.  
Applied in PSD Class I+II(Class B+C) for various power supply system.  
Designed according to IEC 61643-1/GB 18802.1.

- 10/350μs,8/20μs 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
- For using high-performance MOV and maximum will up to 10/350 7kA

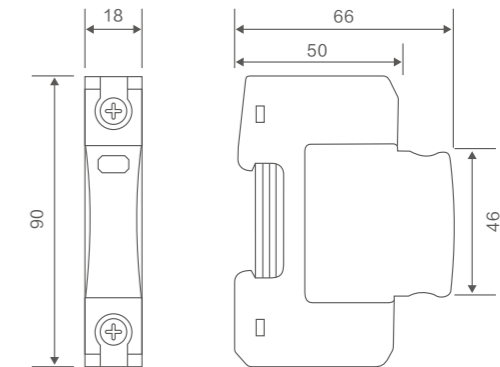


Type	WR-T1T2-AC
Rated voltage (max.continuous a.c.voltage) [ U <sub>c</sub> ]	275V or 385V
Lightning impulse current (10/350) [ I <sub>imp</sub> ]	7kA
Nominal discharge current (8/20) [ I <sub>n</sub> ]	20kA
Maximum discharge current [ I <sub>max</sub> ]	50kA
Voltage protection level [ U <sub>p</sub> ]	≤1.5kV
Follow current extinguishing capability at U <sub>c</sub> [ I <sub>f</sub> ]	32A fuse will not be triggered at 2kA <sub>ms</sub> 255V
Response time [ t <sub>A</sub> ]	≤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 <sub>up</sub> ]	-40°C...+80°C
Operating temperature range (through wiring) [ T <sub>us</sub> ]	-40°C...+60°C
Cross-sectional area	35mm <sup>2</sup> solid / 50mm <sup>2</sup> 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 <sup>2</sup> solid / flexible

Type	WR-T1T2-AC
Packing unit	4pc(s)
Weight	110g



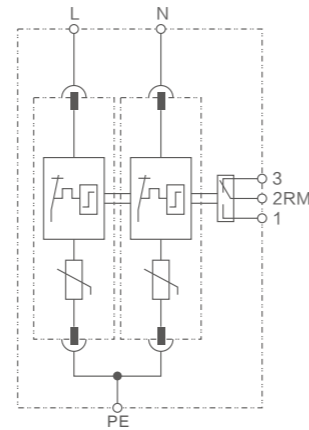
WR-T1T2-AC Basic circuit diagram



WR-T1T2-AC Dimension diagram



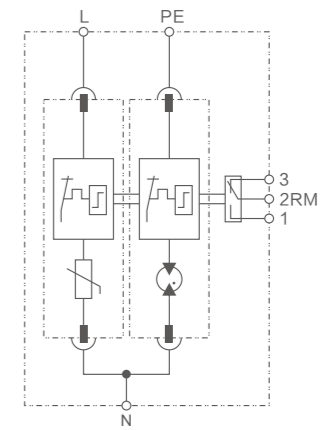
WR-T1T2-AC / 2P



Type	WR-T1T2-AC / 2P
Packing unit	2pc(s)
Weight	210g



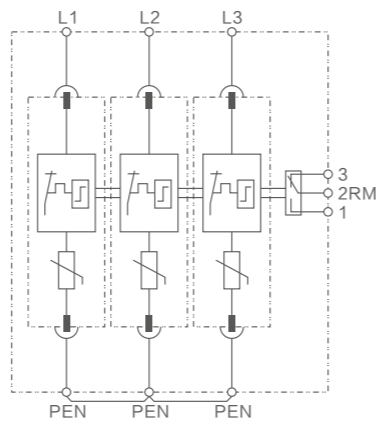
WR-T1T2-AC / 1+NPE



Type	WR-T1T2-AC / 1+NPE
Packing unit	2pc(s)
Weight	203g



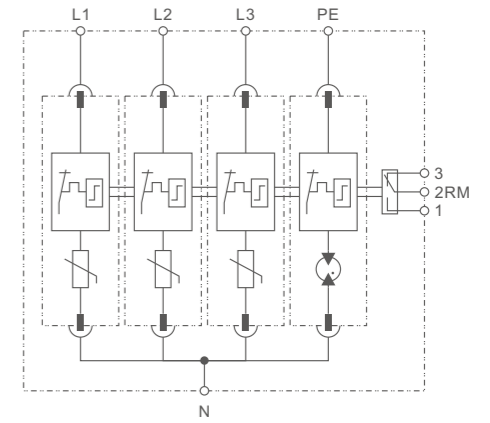
WR-T1T2-AC / 3P



Type	WR-T1T2-AC / 3P
Packing unit	1pc(s)
Weight	302g



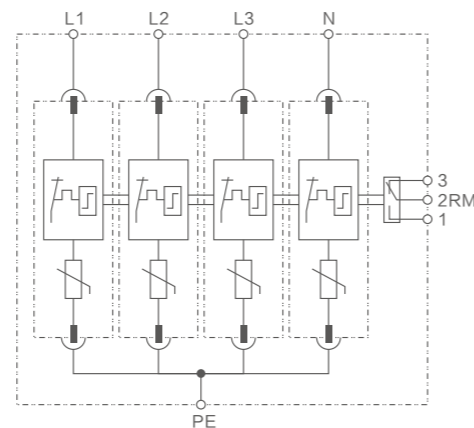
WR-T1T2-AC / 3+NPE



Type	WR-T1T2-AC / 3+NPE
Packing unit	1pc(s)
Weight	369g



WR-T1T2-AC / 4P



Type	WR-T1T2-AC / 4P
Packing unit	1pc(s)
Weight	385g