

TRS4 Series SPD

SPD type 2—surge arrester, MOV

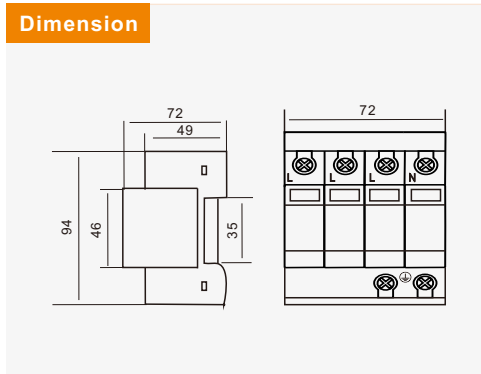
Pluggable module, visual fault signalling

- Varistor surge arrester
- Installation to sub-distribution boards
- For protection of installations and equipments against impact of induced overvoltage during a lightning strike or switching overvoltages.
- Optional remote fault signalling(s)

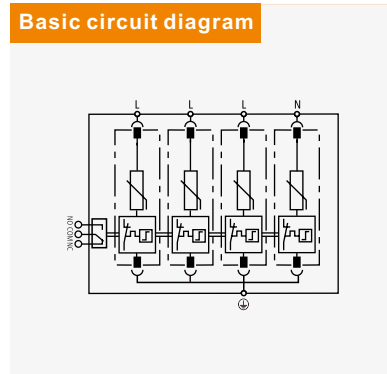
Product



Dimension



Basic circuit diagram



Parameter/Type		TRS4-D10	TRS4-D20	TRS4-C40	TRS4-B60
Nominal voltage	U_n	230V AC			
Maximum operating voltage	U_c	275V AC			
Nominal discharge current (8/20μs)	I_n	5kA	10kA	20kA	30kA
Maximum discharge current (8/20μs)	I_{max}	10kA	20kA	40kA	60kA
Voltage protection level	U_p	≤0,7kV	≤1,0kV	≤1,3kV	≤1,5kV
Response time	t_a	< 25ns			
Cross-section of connected conductors solid(min/max)		16mm ² /35mm ²			
Cross-section of connected conductors stranded(min/max)		16mm ² /35mm ²			
Fault indication		red indication field			
Remote indication		potential-free change-over contact			
remote indication contacts		250V/0,5A AC, 250V/0,1A DC			
Cross-section of remote indication conductors		1,5mm ²			
Degree of protection		IP20			
Range of operating temperatures (min/ max)		-40°C~ +70°C			
Humidity range		5%~95%			
Mounting		DIN rail 35 mm			
According to standard		EN 61643-11:2012, IEC 61643-11:2011/T2			
Remarks		Other U_c can be customized. (420VAC, 385VAC, 320VAC, etc.)			