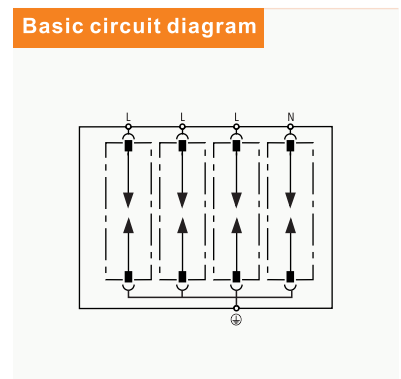
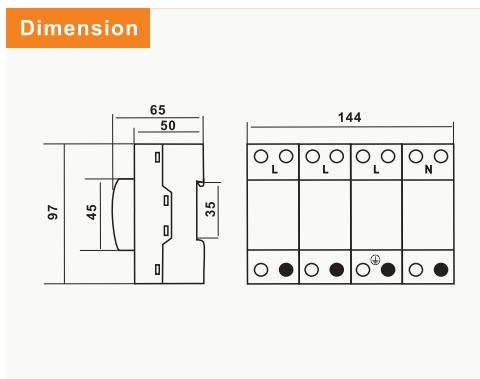


TRS-A Series SPD

SPD type 1—surge arrester, Graphite gap
visual fault signalling

- Graphite gap surge arrester
- Installation to main distribution boards
- For protection against impact direct or indirect lightning strikes in wide range of applications
–houses, office and industrial buildings



Parameter/Type		TRS-A15	TRS-A25	TRS-A50
Nominal voltage	U_n	230V AC		
Maximum operating voltage	U_c	275V AC		
Lightning impulse current (10/350 μ s)	I_{imp}	15kA	25kA	50kA
Voltage protection level	U_p	$\leq 2,0kV$	$\leq 2,2kV$	$\leq 2,5kV$
Insulation resistance group		$> 100m\Omega$		
Response time	t_a	$< 100ns$		
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		—		
Degree of protection		IP20		
Range of operating temperatures (min/ max)		$-40^{\circ}C \sim +70^{\circ}C$		
Humidity range		5%~95%		
Mounting		DIN rail 35 mm		
According to standard		EN 61643-11:2012, IEC 61643-11:2011/T1		
Remarks		Other U_c can be customized. (420VAC, 385VAC, 320VAC, etc.)		

T1 AC SPD