



Lightning Box

Parameter/Type	TRSX-20	TRSX-40	TRSX-60	TRSX-80	TRSX-100
Protected mode	L-PE;N-PE				
Nominal voltage	U_n 380V AC				
Maximum operating voltage	U_c 385V AC				
Nominal discharge current (8/20 μ s)	I_n 10kA	20kA	30kA	40kA	50kA
Maximum discharge current (8/20 μ s)	I_{max} 20KA	40KA	60KA	80KA	100KA
Voltage protection level	U_p $\leq 1.5kV$	$\leq 2.0kV$	$\leq 2.0kV$	$\leq 2.4kV$	$\leq 2.5kV$
Response time	t_a <25ns				
The nominal cross-sectional area of the copper conductor for operation connection	Single or multiple stranded copper wire: 6mm ² - 25mm ²				
Fault indication	red indication field				
Degree of protection	IP20				
Range of operating temperatures (min/max)	-40°C~ +70°C				
Humidity range	5%~95%				
Mounting	Wall mounted installation				
According to standard	EN 61643-11:2012, IEC 61643-11:2011 / T2				
Remarks	Other U_c can be customized.(420VAC, 385VAC, 320VAC, etc.)				