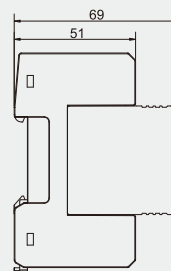
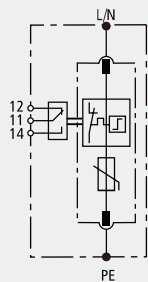


TY-12.5M 1P

T1+T2 Surge Arrester



	TY-12.5M 150 1P	TY-12.5M 275 1P	TY-12.5M 320 1P
SPD classification according to EN61643-11	Type 1 + Type 2	Type 1 + Type 2	Type 1 + Type 2
SPD classification according to IEC61643-11	Class I + Class II	Class I + Class II	Class I + Class II
Max. continuous operating a.c. voltage U_c	150V	275V	320V
Lightning impulse current (10/350 μ s) I_{imp}	12.5kA	12.5kA	12.5kA
Nominal discharge current (8/20 μ s) I_n	20kA	20kA	20kA
Max. discharge current (8/20 μ s) I_{max}	65kA	65kA	65kA
Voltage protection level U_p	≤ 0.8 kV	≤ 1.3 kV	≤ 1.5 kV
Specific energy W/R	39kJ/ Ω	39kJ/ Ω	39kJ/ Ω
Short circuit withstand capacity I_{sccr}	25kA	25kA	25kA
Temporary overvoltage 5s withstand T_{ov}	195V	335V	415V
Max. backup fuse	160A gG	160A gG	160A gG
Response time t_A	≤ 25 ns	≤ 25 ns	≤ 25 ns
Operating temperature range T_u	-40°C–80°C	-40°C–80°C	-40°C–80°C
Operating state/fault indication	green/red	green/red	green/red
Cross-section area (Min.)	4mm ²	4mm ²	4mm ²
Cross-section area (Max.)	35mm ²	35mm ²	35mm ²
For mounting on	35mm Din rail		
Enclosure material	Thermoplastic UL94-V0		
Degree of protection	IP20	IP20	IP20