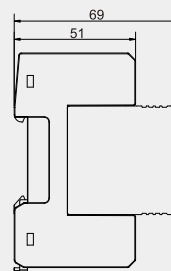
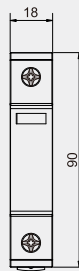
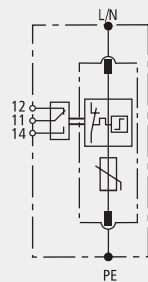


# TY-12.5M 1P

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	Uc	150V	275V	320V
Lightning impulse current (10/350μs)	Iimp	12.5kA	12.5kA	12.5kA
Nominal discharge current (8/20 μ s)	In	20kA	20kA	20kA
Max. discharge current (8/20 μ s)	I <sub>max</sub>	65kA	65kA	65kA
Voltage protection level	Up	≤0.8kV	≤1.3kV	≤1.5kV
Specific energy	W/R	39kJ/Ω	39kJ/Ω	39kJ/Ω
Short circuit withstand capacity	I <sub>sc</sub>	25kA	25kA	25kA
Temporary overvoltage 5s withstand	T <sub>ov</sub>	195V	335V	415V
Max. backup fuse		160A gG	160A gG	160A gG
Response time	t <sub>A</sub>	≤25ns	≤25ns	≤25ns
Operating temperature range	T <sub>u</sub>	-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 <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on		35mm Din rail		
Enclosure material		Thermal plastic UL94-V0		
Degree of protection		IP20	IP20	IP20