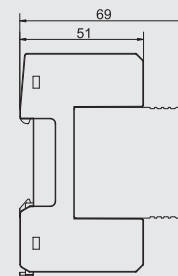
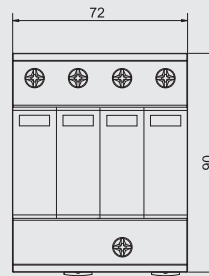
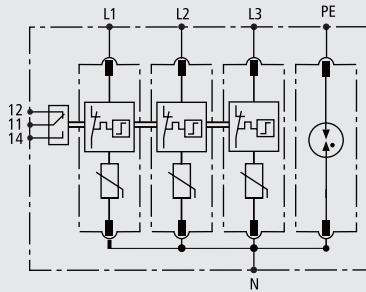


TY-40 3+1

Type 2 Surge Arrester



	TY-40 150 3+1	TY-40 275 3+1	TY-40 320 3+1	TY-40 385 3+1	TY-40 440 3+1	
SPD classification according to EN61 643-11	Type 2	Type 2	Type 2	Type 2	Type 2	
SPD classification according to IEC61643-11	Class II	Class II	Class II	Class II	Class II	
Max. continuous operating a.c. voltage	Uc	150V	275V	320V	440V	
Max. continuous operating a.c. voltage [N-PE]	Uc	255V	255V	255V	255V	
Nominal discharge current (8/20μs)	In	20kA	20kA	20kA	20kA	
Max. discharge current (8/20μs)	I _{max}	40kA	40kA	40kA	40kA	
Voltage protection level	Up	≤0.8kV	≤1.3kV	≤1.5kV	≤1.8kV	≤2.0kV
Voltage protection level 5kA	Up	≤0.6kV	≤1kV	≤1.2kV	≤1.4kV	≤1.6kV
Voltage protection level [N-PE]	Up	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV	≤1.5kV
Follow current extinguishing capability [N-PE] a.c. I _{fi}		100Arms	100Arms	100Arms	100Arms	100Arms
Max. backup fuse		125A gG	125A gG	125A gG	125A gG	125A gG
Response time	t _a	≤25ns	≤25ns	≤25ns	≤25ns	≤25ns
Response time [N-PE]	t _a	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns
Operating temperature range	T _u	-40°C-80°C	-40°C-80°C	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication		green/red	green/red	green/red	green/red	green/red
Cross-section area (Min.)		4mm ²	4mm ²	4mm ²	4mm ²	4mm ²
Cross-section area (Max.)		35mm ²	35mm ²	35mm ²	35mm ²	35mm ²
For mounting on	35mm Din rail					
Enclosure material	Thermoplastic UL94-V0					
Degree of protection	IP20	IP20	IP20	IP20	IP20	