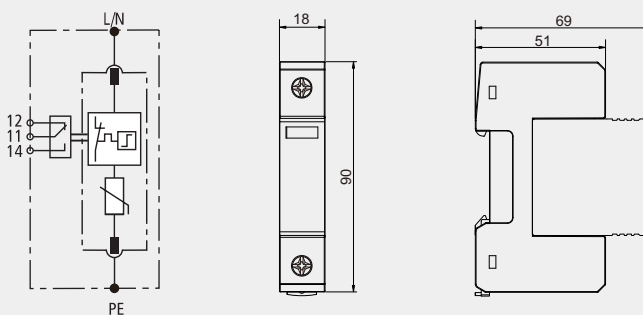


TY-40 1P

Type 2 Surge Arrester



	TY 150 40 1	TY 275 40 1	TY 320 40 1	TY 385 40 1	TY 440 40 1
SPD classification according to EN61643-11	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 U_c	150V	275V	320V	385V	440V
Nominal discharge current (8/20 μ s) I_n	20kA	20kA	20kA	20kA	20kA
Max. discharge current (8/20 μ s) I_{max}	40kA	40kA	40kA	40kA	40kA
Voltage protection level U_p	$\leq 0.8kV$	$\leq 1.3kV$	$\leq 1.5kV$	$\leq 1.8kV$	$\leq 2.0kV$
Voltage protection level 5kA U_p	$\leq 0.6kV$	$\leq 1kV$	$\leq 1.2kV$	$\leq 1.4kV$	$\leq 1.6kV$
Max. backup fuse	125A gG	125A gG	125A gG	125A gG	125A gG
Response time t_A	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$
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	Thermal plastic UL94-V0				
Degree of protection	IP20	IP20	IP20	IP20	IP20