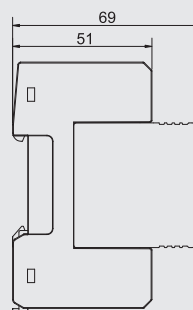
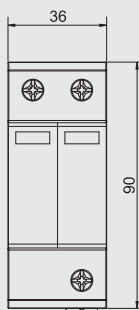
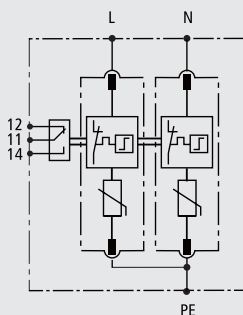


# TY-40 2P

Type 2 Surge Arrester



	TY-40 150 2P	TY-40 275 2P	TY-40 320 2P	TY-40 385 2P	TY-40 440 2P
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 $\mu$ s) $I_n$	20kA	20kA	20kA	20kA	20kA
Max. discharge current (8/20 $\mu$ 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 <sup>2</sup>	4mm <sup>2</sup>	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>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on	35mm Din rail				
Enclosure material	Thermoplastic UL94-V0				
Degree of protection	IP20	IP20	IP20	IP20	IP20