



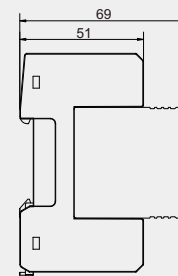
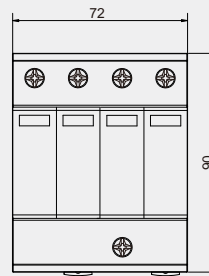
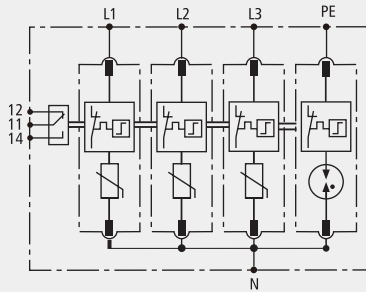
北京防雷测试中心办事处 ISO9001



泰科天唯®  
**TYCOTIU**

# TY-40 3+1

Type 2 Surge Arrester



	TY 150 40	TY 275 40	TY 320 40	TY 385 40	TY 440 40	
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 <sub>max</sub>	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 <sub>fi</sub>		100Arms	100Arms	100Arms	100Arms	100Arms
Max. backup fuse		125A gG	125A gG	125A gG	125A gG	125A gG
Response time	t <sub>a</sub>	≤25ns	≤25ns	≤25ns	≤25ns	≤25ns
Response time [N-PE]	t <sub>a</sub>	≤100ns	≤100ns	≤100ns	≤100ns	≤100ns
Operating temperature range	T <sub>u</sub>	-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	Thermal plastic UL94-V0					
Degree of protection	IP20	IP20	IP20	IP20	IP20	