



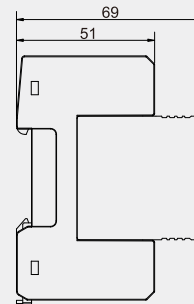
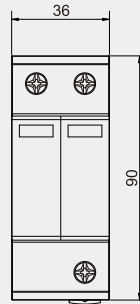
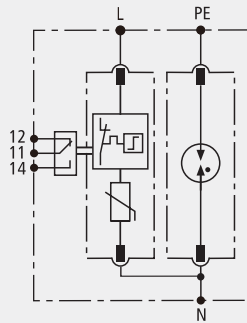
北京防雷测试中心办事处 ISO9001



泰科天唯®
TYCOTIU

TY-40 1+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 | 385V | 440V |
| Max. continuous operating a.c. voltage [N-PE] | Uc | 255V | 255V | 255V | 255V | 255V |
| Nominal discharge current (8/20μs) | In | 20kA | 20kA | 20kA | 20kA | 20kA |
| Max. discharge current (8/20μs) | I _{max} | 40kA | 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 | | Thermal plastic UL94-V0 | | | | |
| Degree of protection | | IP20 | IP20 | IP20 | IP20 | IP20 |