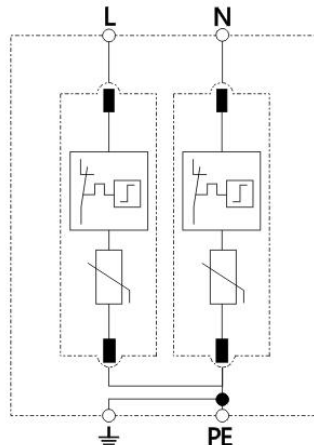
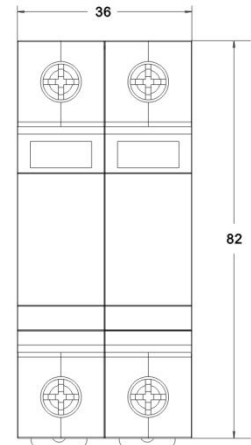




Outside drawing



Electrical principle



Outline dimension

Type 2 surge protective device especially designed for low-voltage power supply system at the boundaries from lightning protection zone 1-2 and higher.

- Class II/class C SPD, max discharge current 40kA 8/20
- Pluggable design surge arrester for easy replacement
- Comply with IEC61643-11 and UL1449-4th
- The power module surge protector shall be replaced immediately when the deterioration indication window is "red".

| | |
|---|--|
| Part No. | SP40-385VT/2P |
| In accordance with | IEC61643-11:2011; UL1449 4th |
| Category IEC/VDE | Type 2, Class II |
| Max. continuous operating voltage (AC/DC) U _c | 385V/505V |
| Nominal discharge current(8/20) I _n | 20kA |
| Max. discharge current(8/20) I _{max} | 40kA |
| Voltage protection level/U _p @I _n | <1,8kV |
| Response time | ≤25 ns |
| leakage current | ≤20 |
| Backup fuse(only required if not already provided in mains) | 125A gL/gG |
| Action time of the deterioration indicator device | (320mA) ≤1 |
| Operating temperature range | - 40°C ~ + 80°C |
| Cross-section of connection wire | Single-strand 35mm ² ; multi-strand 25mm ² |
| Torque applied by the screws | 2.0-2.5 Nm |
| Mounting | 35mm DIN-rail in accordance with EN 50022/DIN46277-3 |
| Enclosure material | thermoplastic; extinguishing degree UL94 V-0 |
| Housing protection level | IP20 |
| Installation width | 2 modules, DIN 43880 |
| Thermal disconnecter | Internal green – normal ; red - failure |
| Remote alarm contact | No |
| Additional data for Remote Alarm Contacts | Closed and open 1.5mm ² / 0.5 Nm ,max |
| Remote alarm contact type | Isolated Form C |
| Switching capability Un/In | AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Max. Size of connecting wire | Max. 1.5mm ² (or # 16AWG) |