



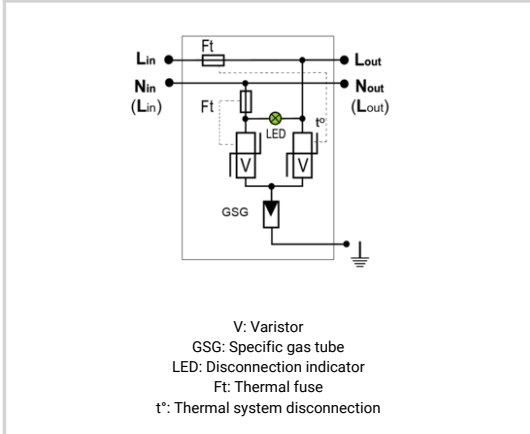
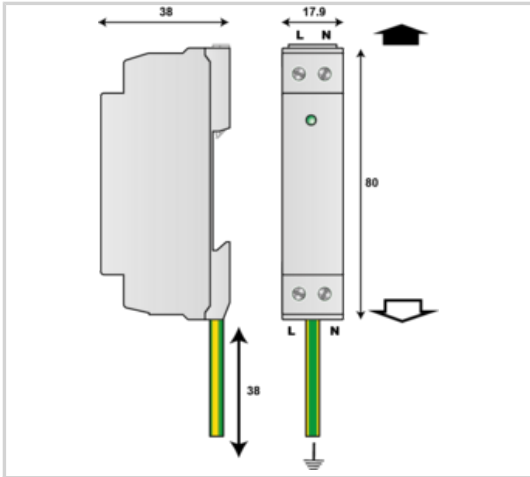
Surge protector for LED lighting system Class 1

CITEL

DSLSP1-230L/Y



- Type 2 (or 3) surge protectors for LED
- Very compact (low profile)
- DIN rail mounting
- Screw terminal connection
- Status indicator
- Disconnection AC end of life
- EN 61643-11, IEC 61643-11 compliance



| Electrical Characteristics | |
|--|---|
| SPD type | 2 (or 3) |
| Network | 230-277 Vac Single-phase or 2-phase |
| AC system | TN |
| Nominal line voltage | Un 230-277 Vac |
| Max. AC operating voltage | Uc 320 Vac |
| Max. load current @25°C | IL 10 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 Vac disconnection |
| Residual Current Leakage current to Ground | Ipe None |
| Nominal discharge current 15 x 8/20 μs impulses | In 5 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 10 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μs | Imax Total 20 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | Uoc 10 kV / 5 kA |
| Withstand on overvoltages IEEE C62.41.1 | 10 kV / 10 kA |
| Protection mode(s) | Common/Differential mode |
| Protection level L/N @ In (8/20μs) | Up L/N 1.5 kV |
| Protection level L/PE @ In (8/20μs) | Up L/PE 1.5 kV |
| Admissible short-circuit current | Isc cr 10 000 A |
| Mechanical Characteristics | |
| Technology | MOV+GDT |
| Connection to Network | Screw terminal 2.5 mm ² max. Earthing conductor 2 mm ² - length 60 cm |
| Mounting | Symmetrical rail 35 mm (EN 60715) |
| Housing material | Thermoplastic UL94 V-0 |
| Operating temperature | Tu -40/+85°C |
| Protection rating | IP20 |
| Failsafe mode | Disconnection from AC network |
| Disconnection indicator | LED green OFF and AC network cut-off |
| Voltage/operating indicator | Green Led ON |
| Dimensions | See diagram |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Standards | |
| Standards compliance | EN 61643-11 / IEC 61643-11 |
| Part number | 352923 |

