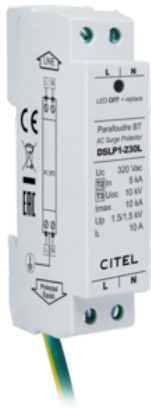




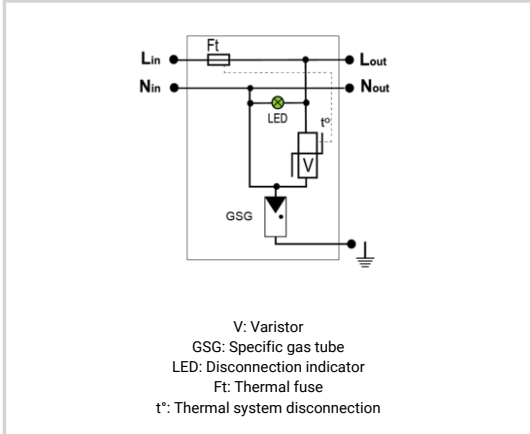
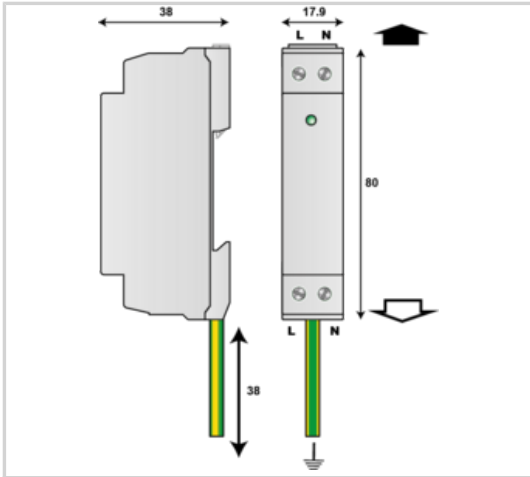
# Surge protector for LED lighting system Class 1

# CITEL

## DSLSP1-230L



- 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  | 220-240 V Single-phase  |
| AC system  | TT-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  |
| Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection                  | UT 1200 V/300A/200 ms 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 <sup>2</sup> max. Earthing conductor 2 mm <sup>2</sup> - 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  |
| Certification  | CB  |
| Part number  |   |
| 352913   |   |

