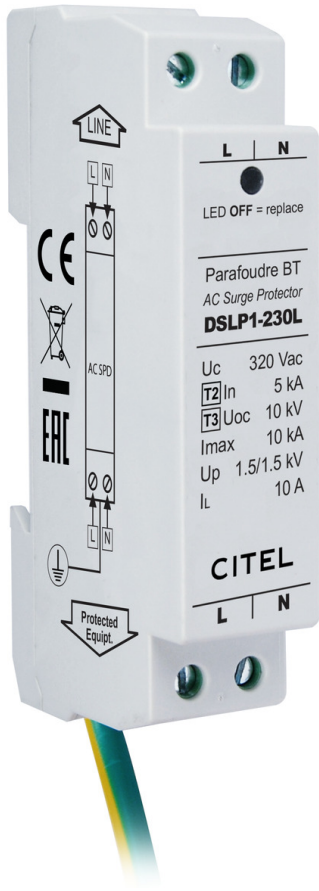




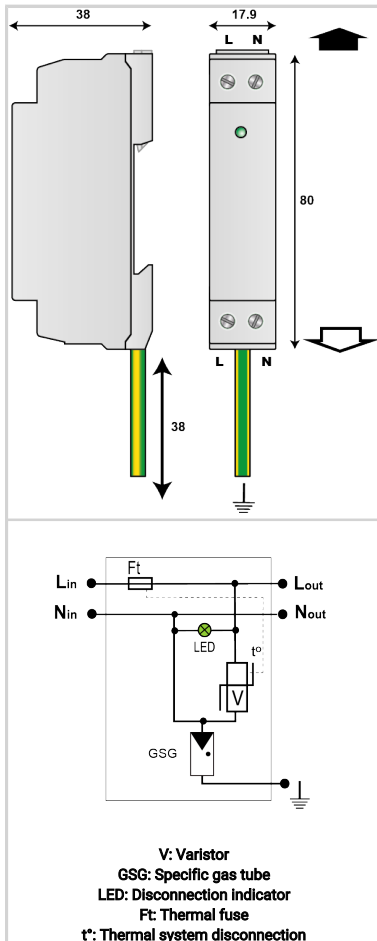
# CITEL

## Surge protector for LED lighting system Class 1

### 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 certified



| Electrical Characteristics                                                                               |         |                                                                     |
|----------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------|
| SPD type                                                                                                 | IEC     | 2+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                                                               |
| 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                                                                         | Iscrr   | 10 000 A                                                            |
| Mechanical Characteristics                                                                               |         |                                                                     |
| Technology                                                                                               |         | MOV+GDT                                                             |
| Connection to Network                                                                                    |         | Screw terminal 2.5 mm² max. Earthing conductor 2 mm² - 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                                |
| Operating indicator                                                                                      |         | Green Led ON                                                        |
| Dimensions                                                                                               |         | See diagram                                                         |



# CITEL

## Surge protector for LED lighting system Class 1

### DSLPL1-230L

| Disconnectors                     |  |                            |
|-----------------------------------|--|----------------------------|
| Thermal disconnecter              |  | Internal                   |
| Installation ground fault breaker |  | Type 'S' or delayed        |
| Standards                         |  |                            |
| Standards compliance              |  | EN 61643-11 / IEC 61643-11 |
| Certification                     |  | CB                         |
| Part number                       |  |                            |
| 352913                            |  |                            |

