



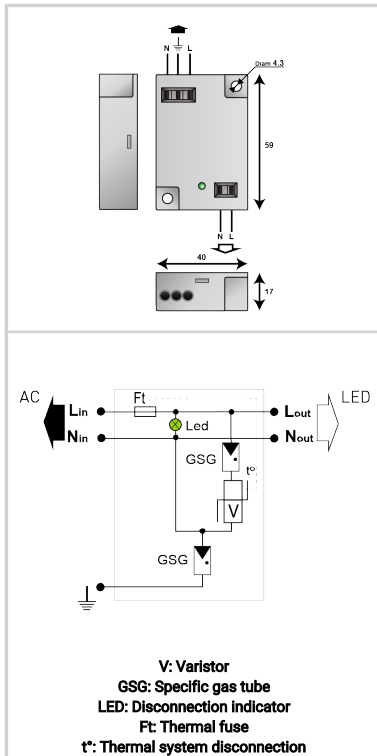
CITEL

Surge protector for LED lighting system Class 1

MLPC-VG1-230L-R



- Type 2 (or 3) surge protectors for LED
- Class 1
- Very compact
- Plate mounting
- Spring terminal connection
- Status indicator
- Disconnection AC end of life
- EN 61643-11 compliance



| Electrical Characteristics | | |
|--------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------|
| SPD type | IEC | 2+3 |
| Network | | 220-240 V Single-phase |
| AC system | | TT-TN |
| Max. AC operating voltage | Uc | 320 Vac |
| Max. load current @25°C | IL | 10 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i> | UT | 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i> | UT | 440 Vac withstand |
| Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i> | UT | 1200 V/300A/200 ms disconnection |
| Residual Current <i>Leakage current to Ground</i> | Ipe | None |
| Nominal discharge current <i>15 x 8/20 μs impulses</i> | In | 5 kA |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | Imax | 10 kA |
| Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i> | Imax Total | 20 kA |
| Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i> | Uoc | 10 kV |
| Withstand on overvoltages IEEE C62.41.1 | | 10 kV |
| Protection mode(s) | | Common/Differential mode |
| Protection level L/N <i>@ In (8/20μs)</i> | Up L/N | 1.5 kV |
| Protection level L/PE <i>@ In (8/20μs)</i> | Up L/PE | 1.5 kV |
| Admissible short-circuit current | Iscrr | 10 000 A |
| Mechanical Characteristics | | |
| Technology | | VG Technology (MOV+GSG) |
| Connection to Network | | By spring - max. cross section 1.5mm ² |
| Mounting | | On plate |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection and AC line cut-off |
| Disconnection indicator | | LED green OFF and AC network cut-off |
| 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 | | KEMA / ENEC05 |
| Part number | | |
| 836211 | | |

