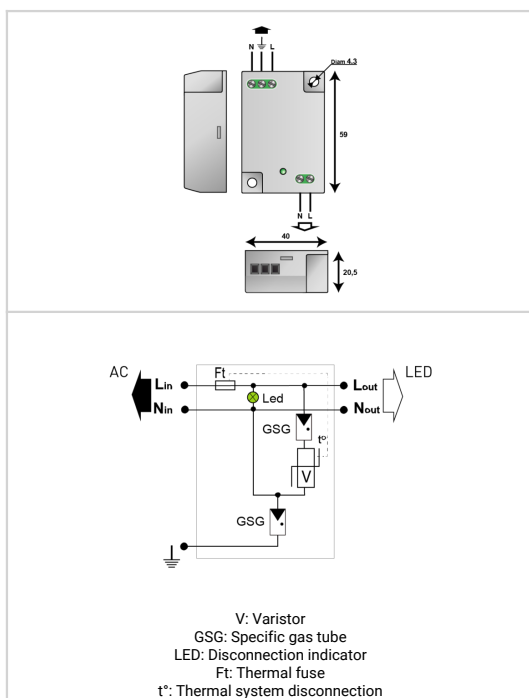


### MLPC-VG1-230L-V



- ✦ Type 2 (or 3) surge protectors for LED
- ✦ Class 1
- ✦ Very compact
- ✦ Plate mounting
- ✦ Screw 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. Without disconnection                              | UT      | 335 Vac withstand                           |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT      | 440 Vac withstand                           |
| 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  |
| Withstand on overvoltages IEEE C62.41.1  |         | 10 kV                                       |
| 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   | Iscrc   | 10 000 A                                    |
| Mechanical Characteristics   |         |   |
| Technology   |         | VG Technology (MOV+GSG)                     |
| Connection to Network  |         | By screw terminals: 2.5mm <sup>2</sup> max. |
| 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  |         |   |
| Part number  |         |   |
| 836221   |         |   |