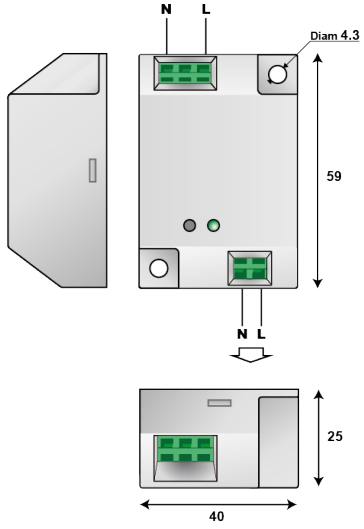
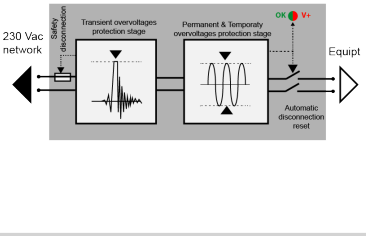
*Protection against Surge, Temporary and Permanent overvoltages for Class II LED lighting system*

# MLPVM2-230L-5A




- Protection against all types of overvoltages
- For Class II Led lighting
- 230 V single-phase network / 5 A
- Function 'Surge voltage protection' (SPD)
- Surges due to lighting or switching
- Function 'Permanent or temporary overvoltage protection' (POP)




| Electrical Characteristics | | |
|---|---|---|
| Network | | 230/400V |
| AC system | | TT-TN |
| Max. AC operating voltage | Uc | 255 Vac |
| Max. load current @25°C | IL | 5 A |
| Residual Current<br>*Leakage current to Ground* | Ipe | None |
| Nominal discharge current<br>*15 x 8/20 µs impulses* | In | 5 kA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 10 kA |
| Withstand on Combination waveform IEC 61643-11<br>*Class III test: 1.2/50µs - 8/20µs* | Uoc | 10 kV |
| Withstand on overvoltages IEEE C62.41.1 | | 10 kV / 10 kA |
| Protection mode(s) | | L/N |
| Protection level L/N<br>*@ In (8/20µs)* | Up L/N | 1.5 kV |
| Admissible short-circuit current | Isccr | 10 000 A |
| **Mechanical Characteristics** | | |
| Connection to Network | | In series by conductors 1.5mm² - spring terminal |
| Mounting | | On plate |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Insulation class | | Classe 2 |
| Failsafe mode | | Disconnection and AC line cut-off |
| Disconnection indicator | | Green LED OFF and line cut off |
| Operating indicator | | Green Led ON |
| Dimensions | | See diagram |
| Weight | | 0.040 kg |
| **Standards** | | |
| Standards compliance | | EN 61643-11 / IEC 61643-11 |
| Certification | | |
| **Part number** | | |
| **832278** | | |