



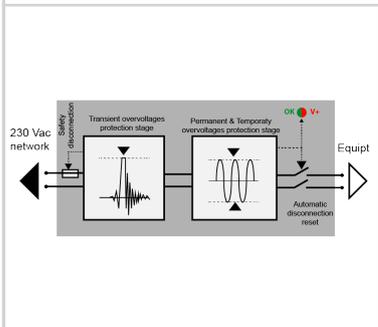
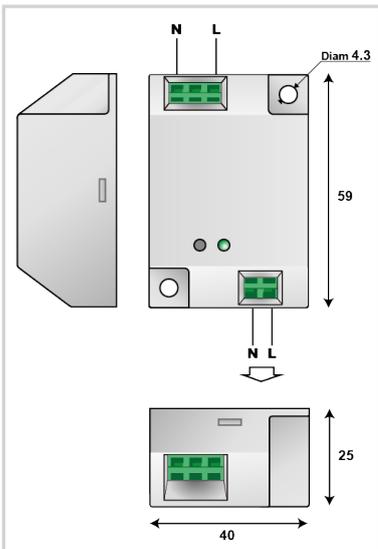
CITEL

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 V single-phase |
| AC system | TT-TN |
| Max. AC operating voltage | Uc 255 Vac |
| Max. load current @25°C | IL 5 A |
| 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 |
| 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 / 10 kA |
| Protection mode(s) | L/N |
| Protection level L/N <i>@ In (8/20μs)</i> | Up L/N 1.5 kV |
| Admissible short-circuit current | Iscrc 10 000 A |
| Mechanical Characteristics | |
| Connection to Network | In series by conductors 1.5mm ² - 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 |
| Standards | |
| Standards compliance | EN 61643-11 / IEC 61643-11 |
| Certification | |
| Part number | |
| 832278 | |

