



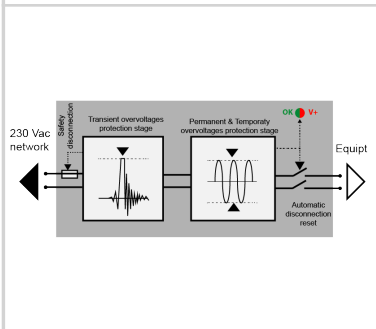
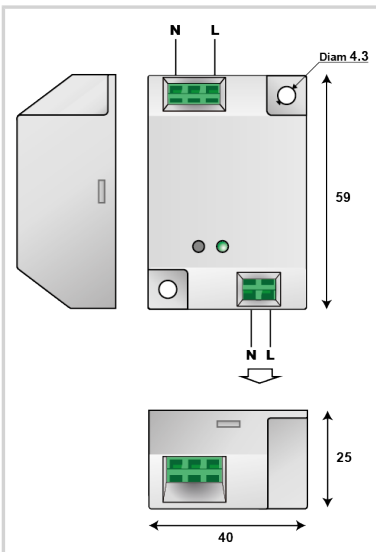
# CITEL

## 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 <sup>2</sup> - 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	
<b>832278</b>	

