



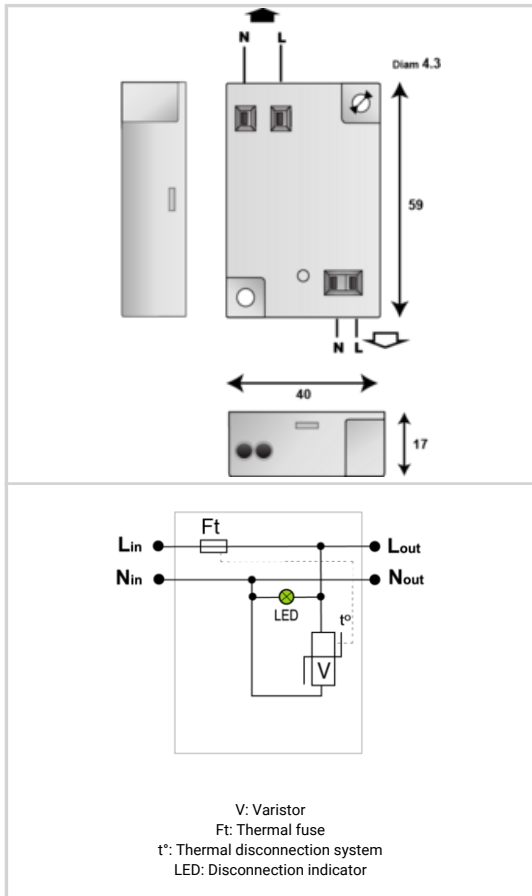
# AC surge protector for LED Lighting system Class 2

# CITEL

## MLPC2-230L-R



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



Electrical Characteristics	
SPD type	2 (or 3)
Network	230-277 V Single-phase
AC system	TT-TN
Max. AC operating voltage	Uc 320 Vac
Max. load current @25°C	IL 5 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 disconnection
Residual Current Leakage current to Ground	Ipe None
Nominal discharge current 15 x 8/20 μs impulses	In 5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 10 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	Imax Total 20 kA
Withstand on Combination waveform IEC 61643-11 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)	Differential Mode
Protection level L/N @ In (8/20μs)	Up L/N 1.5 kV
Admissible short-circuit current	Iscsr 10 000 A
Mechanical Characteristics	
Technology	MOV+GDT
Connection to Network	2 spring terminals opposite side in/out - wire 1.5mm <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
Voltage/operating indicator	Green Led ON
Dimensions	See diagram
Weight	0.034 kg
Disconnectors	
Thermal disconnecter	Internal
Installation ground fault breaker	Type 'S' or delayed
Standards	
Standards compliance	EN 61643-11 / IEC 61643-11
Certification	CB Tested / TÜV / IMQ
Part number	832211

