



Surge protector for LED lighting system Class 2

CITEL

MLPC-VG2-230L-V



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



	Electrical Characteristics	
	SPD type	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
	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
	Protection mode(s)	Differential Mode
	Protection level L/N @ In (8/20μs)	Up L/N 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 ² 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
	Disconnectors	
	Thermal disconnector	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Standards	
	Standards compliance	EN 61643-11 / IEC 61643-11
	Certification	
	Part number	
	837221	

V: Varistor
 GSG: Specific gas tube
 LED: Disconnection indicator
 Ft: Thermal fuse
 t*: Thermal system disconnection

