



# Surge protector for LED lighting system Class 2

# CITEL

## MLPC-VG2-230L-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



	<b>Electrical Characteristics</b>		
	SPD type	2+3	
<p>V: Varistor GSG: Specific gas tube LED: Disconnection indicator Ft: Thermal fuse t*: Thermal system disconnection</p>	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
<b>Mechanical Characteristics</b>			
Technology		VG Technology (MOV+GSG)	
Connection to Network		By spring - max. cross section 1.5mm <sup>2</sup>	
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	
<b>Disconnectors</b>			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
<b>Standards</b>			
Standards compliance		EN 61643-11 / IEC 61643-11	
Certification			
Part number		837211	

