



CITEL

AC surge protector for LED Lighting system Class 2

MLPC2-277L-V



- 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+3	
<p>V: Varistor Ft: Thermal fuse t*: Thermal disconnection system LED: Disconnection indicator</p>	Network	120-277 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	I _{max}	10 kA
	Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} 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 level @ In (8/20μs)	Up	1.8 kV
	Admissible short-circuit current	I _{sc}	10 000 A
	Electrostatic protection mode		N/Functional Earth
Mechanical Characteristics			
Connection to Network		2 screw terminals opposite side in/out - wire 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		TUV	
Part number			
		832321	

