



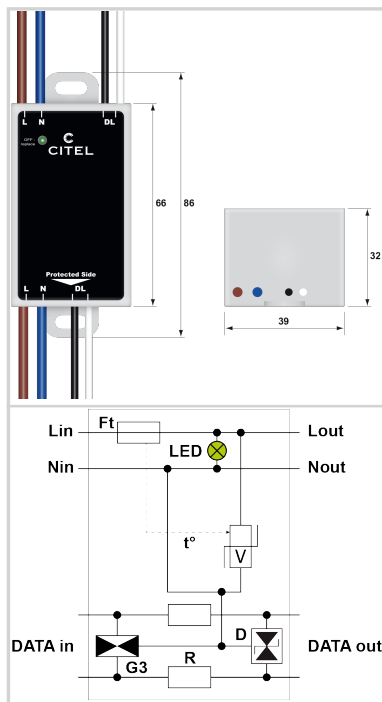
CITEL

Surge protector for LED lighting system Class 2

MLP2-230L-W/DL



- Type 2 or 3 combined surge protector AC and Data
- For LED lighting system
- Class II configuration
- IP65 version
- Very compact dimensions
- Max. discharge current 10kA
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics		
SPD type	IEC	2+3
AC system		TT-TN
Nominal line voltage	Un	230-277 Vac
Max. AC operating voltage	Uc	305 Vac
Max. frequency	f max.	10 MHz
Max. load current @25°C	IL	2.5 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	Ipe	None
Leakage current to Ground	If	None
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	10 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total	20 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	10 kV / 5 kA
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA
Protection level L/N @ In (8/20 μ s)	Up L/N	1.5 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		
Part number		
711232		

