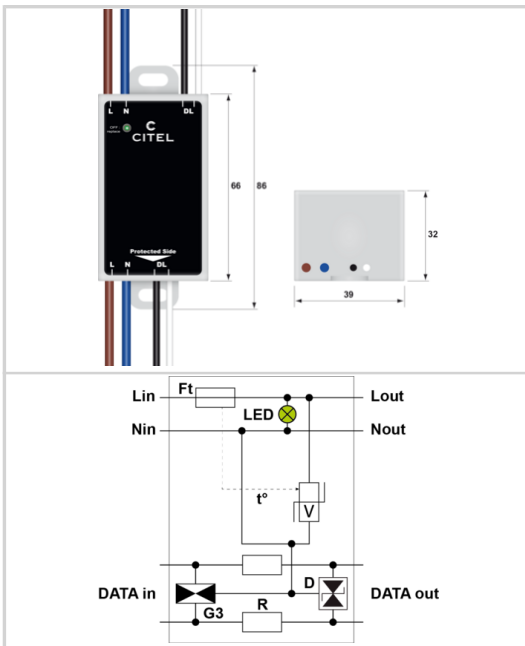


MLP2-230L-W/DL



- Type 2 or 3 surge protector for 2-phase (Power/Control)
- For LED lighting system
- Class I configuration
- IP65 version
- Very compact dimensions
- Max. discharge current 10kA
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics	
SPD type (following IEC tests)	2+3
AC system	TT-TN
Max. AC operating voltage	Uc 305 Vac
Max. frequency	f max. 10 MHz
Max. load current	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 (Leakage current to Ground)	Ipe None
Follow current	If None
Nominal discharge current (15 x 8/20 μs impulses)	In 5 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I <sub>max</sub> 10 kA
Total Maximum discharge current (max. total withstand @ 8 /20 μs )	I <sub>max</sub> Total 20 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50μs - 8/20μs)	Uoc 10 kV / 5 kA
Withstand on overvoltages IEEE C62.41.1	10 kV / 10 kA
Protection level L/N (@ In (8/20μs))	Up L/N 1.5 kV
Admissible short-circuit current	I <sub>sc</sub> 10000 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 4ed.
Certification	EAC
Part number	<b>711232</b>