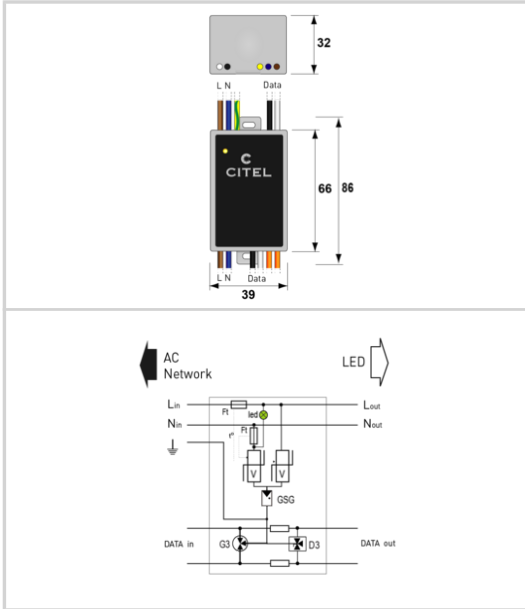


- ↳ Combined surge protector AC and Data
- ↳ Type 2 or 3
- ↳ For LED lighting system Class I
- ↳ Very compact dimensions
- ↳ Max. discharge current 10kA
- ↳ EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics	
SPD type	2 (or 3)
AC system	TT-TN
Nominal line voltage	Un 230-277 Vac
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
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total AC : 20 kA   DATA : 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 mode(s)	Common/Differential mode
Protection level L/N @ In (8/20μs)	Up L/N 1.5 kV
Protection level L/PE @ In (8/20μs)	Up L/PE 1.5 kV
Admissible short-circuit current	I <sub>sc</sub> 10 000 A
ELEC	
Network	AC: 220-240 V single-phase   DATA: DALI
ELEC	
Nominal line voltage	Un 24 V
ELEC	
Max. AC operating voltage	Uc AC : 305 Vac   DATA : 28 Vdc
ELEC	
Max. frequency	f max. DATA : 10 MHz
ELEC	
Insertion loss	DATA : < 1 dB
ELEC	
Max. load current @ 25°C	IL AC : 2.5 A   DATA : 300mA
ELEC	
Nominal discharge current 15 x 8/20 μs impulses	In AC : 5kA   DATA : 5 kA
ELEC	
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub> AC : 10 kA   DATA : 10 kA
ELEC	
Protection level @ In (8/20μs)	Up DATA : 50 V
Mechanical Characteristics	
Technology	MOV+GDT
Connection to Network	AC: Wire 1.5mm <sup>2</sup> max. DATA: Wire 1mm <sup>2</sup> max.
Mounting	On plate
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP65
Failsafe mode	Disconnection and AC line cut-off
Disconnection indicator	LED green OFF and AC network cut-off
Voltage/operating indicator	Green Led ON
Remote signaling of disconnection	No
Dimensions	See diagram
Disconnectors	
Thermal disconnecter	Internal
Installation ground fault breaker	Type 'S' or delayed
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL1449 ed.5
Part number	
711231	