



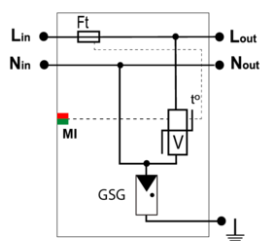
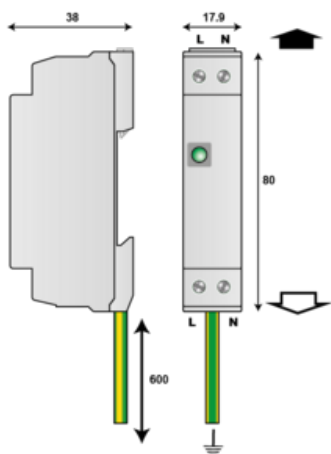
Surge protector for LED lighting system Class 1

CITEL

DLPM1-230L



- Type 2 (or 3) surge protectors for LED classe I
- Mechanical status indicator
- Very compact (low profile)
- DIN rail mounting
- Screw terminal connection
- AC line Disconnection in end of life
- EN 61643-11 compliance



V: Varistor
GSG: Specific gas tube
Ft: Thermal fuse
MI: Mechanical status indicator
t°: Thermal system disconnection

Electrical Characteristics		
SPD type		2 (or 3)
Network		220-240 V Single-phase
AC system		TT-TN
Nominal line voltage	Un	230-277 Vac
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 disconnection
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms disconnection
Residual Current Leakage current to Ground	Ipe	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 mode(s)		Common/Differential mode
Protection level L/N @ In (8/20 μ s)	Up L/N	1.5 kV
Protection level L/PE @ In (8/20 μ s)	Up L/PE	1.5 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Technology		MOV+GDT
Connection to Network		Screw terminal 2.5mm ² max. Earthing conductor 2 mm ² - length 60cm
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		LED green OFF and AC network cut-off
Voltage/operating indicator		Green Indicator
Remote signaling of disconnection		No
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		CB
Part number		
355913		

