



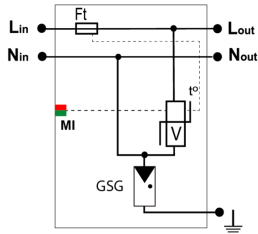
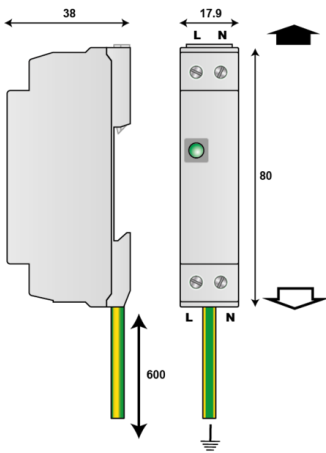
CITEL

Surge protector for LED lighting system Class 1

DLPM1-230L



- ✦ Type 2 (or 3) surge protectors for LED
- ✦ For single-phase or biphas network
- ✦ Very compact (low profile)
- ✦ DIN rail mounting
- ✦ Screw terminal connection
- ✦ Mechanical status indicator
- ✦ Disconnection AC 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	IEC	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 µs impulses	In	5 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	10 kA	
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax 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 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	Iscrc	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		1 mechanical indicator	
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	

