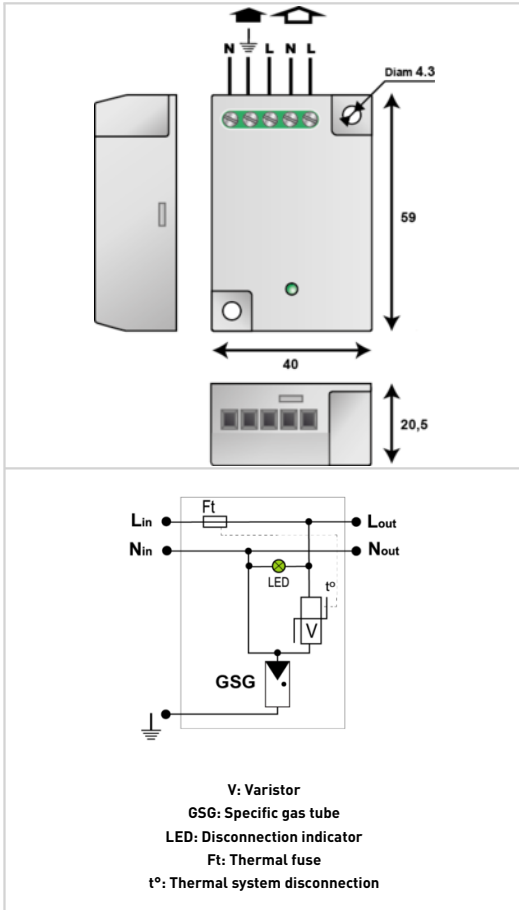


MLPC1-230L-V/50



- ✦ Type 2 (or 3) surge protectors for LED
- ✦ Class 1
- ✦ Very compact
- ✦ Plate mounting
- ✦ Screw terminal connection
- ✦ Status indicator
- ✦ Disconnection AC end of life
- ✦ EN 61643-11 compliance



Caractéristiques Électriques		
SPD type (following IEC tests)		2+3
Network		220-240 V single-phase
AC system		TT/TN
Max. AC operating voltage L-N	Uc	320 Vac
Max. load current	IL	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
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
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	Iscrcr	10 000 A
Caractéristiques Mécaniques		
Technology		MOV+GDT
Connection to Network		1 screw contact single side in/out - wire 2.5 mm ² max.
Mounting		On plate
Housing material		Thermoplastic UL94-V0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection and AC line cut-off
Disconnection indicator		Led green OFF and AC network cut-off
Voltage/operating indicator		Green Led ON
Dimensions		See diagram
Weight		0.038 kg
Déconnecteurs associés		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Normes		
Standards compliance		EN 61643-11 / IEC 61643-11
Certification		CB Tested / EAC /IMQ
Code article		
831222		

