



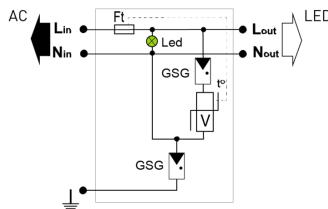
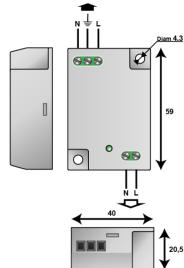
CITEL

Surge protector for LED lighting system Class 1

MLPC-VG1-230L-V



- 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



V: Varistor
GSG: Specific gas tube
LED: Disconnection indicator
Ft: Thermal fuse
t*: Thermal system disconnection

Electrical Characteristics

SPD type	IEC	2+3
Network		220-240 V Single-phase
AC system		TT-TN
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 min Without disconnection or with safety disconnection	UT	440 Vac withstand
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
Withstand on overvoltages IEEE C62.41.1		10 kV
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	Iscr	10 000 A

Mechanical Characteristics

Technology	VG Technology (MOV+GSG)
Connection to Network	By screw terminals: 2.5mm ² max.
Mounting	On plate
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu
Protection rating	-40/+85°C
Failsafe mode	IP20
Disconnection indicator	Disconnection and AC line cut-off
Operating indicator	LED green ON
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	KEMA
Part number	836221

