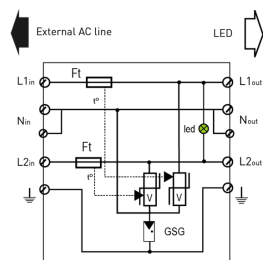
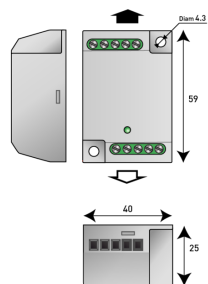


MLPC1-230L-V/2L



- ✦ Type 2 (or 3) surge protector for Class I LED Lighting
- ✦ AC surge protection for 2-Phase + Neutral network
- ✦ Compact dimensions
- ✦ Screw connection
- ✦ Max. discharge current 10 kA
- ✦ Certified IEC 61643-11



G: Gas tube 2-pole
 G3: Gas tube 3-pole
 D: Clamping diode network
 V: Varistor
 LED: Status indicator
 Ft: Thermal fuse

Electrical Characteristics			
SPD type	IEC	2 (or 3)	
Network		2-phase + N 230 V	
AC system		TT-TN	
Max. AC operating voltage	Uc	320 Vac	
Max. load current @25°C	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	
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	I _{max}	10 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	10 kV / 5 kA	
Protection mode(s)		L1/N, L2/N and N/PE	
Protection level L/N @ In (8/20µs)	Up L/N	1.5 kV	
Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV	
Admissible short-circuit current	I _{scrc}	10 000 A	
Mechanical Characteristics			
Connection to Network		By screw terminal: 1.5mm ² max.	
Mounting		On plate	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	Tu	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection, Green Led OFF and power cut off	
Disconnection indicator		LED green OFF and AC network cut-off	
Operating indicator		Green Led ON	
Dimensions		See diagram	
Weight		0.057 kg	
Disconnectors			
Thermal disconnector		Internal	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11	
Certification		KEMA / ENEC05	
Part number		831225	