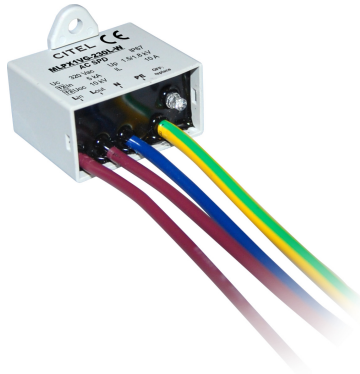




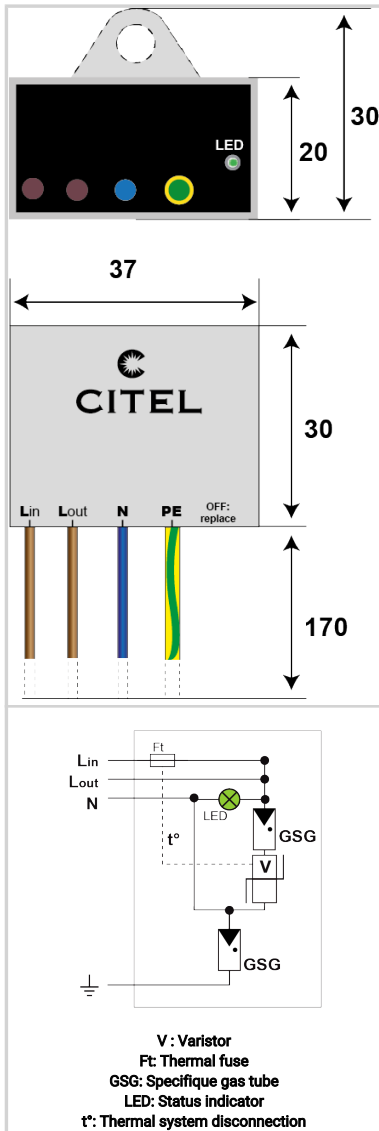
CITEL



Ultra Compact Type 2+3 hard wired surge protector

MLPX1VG-230L-W

- Ultra compact Type 2+3 hard wired surge protectors
- Wall mounting and hard wired connection
- VG Technology
- No aging
- Bracket breakable
- Protection rating : IP67
- Disconnection signaling by indicator
- AC disconnection in case of end of life
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



Electrical Characteristics		
SPD type	IEC	2+3
Network		230-277 V Single-phase
AC system		TT-TN
Nominal line voltage	Un	230 V
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 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 μs impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	10 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} 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	I _{scr}	10 000 A
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
Connection to Network		By wires: 1.5mm ² (L/N) and 2.5mm ² (PE)
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP67
Failsafe mode		Disconnection and AC line cut-off
Disconnection indicator		LED green OFF and AC network cut-off
Operating indicator		Green Led ON
Remote signaling of disconnection		No
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		
Part number		
711294		

