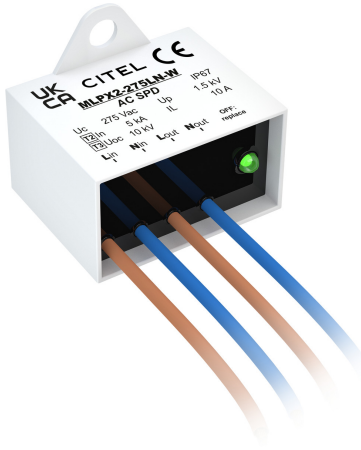




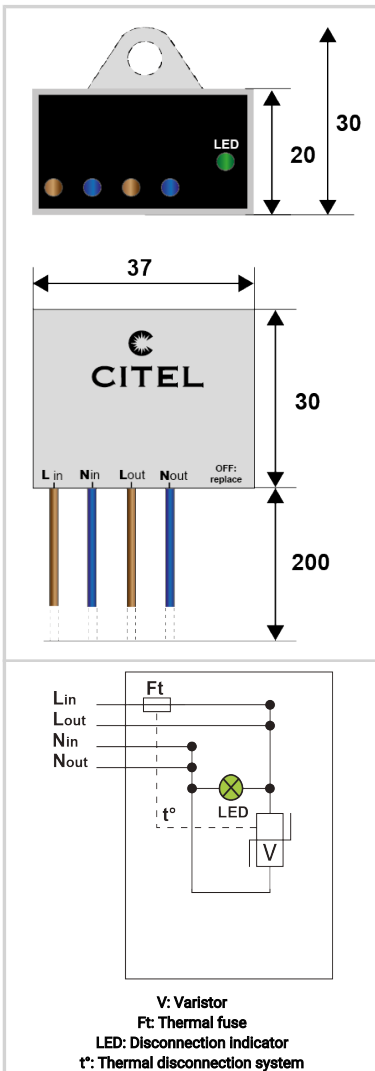
CITEL

Ultra Compact Type 2+3 hard wired surge protector for class II

MLPX2-275LN-W



- Ultra compact Type 2+3 hard wired surge protectors
- Lin/Nin and Lout/Nout
- Wall mounting and hard wired connection
- 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 5ed. compliance



Electrical Characteristics		
SPD type	IEC	2+3
Network		230-277 V Single-phase
AC system		TT-TN
Nominal line voltage	U _n	230 V
Max. AC operating voltage	U _c	275 Vac
Max. load current @25°C	I _L	10 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT	1200 V/300A/200 ms disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	10 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total	20 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	U _{oc}	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA
Protection mode(s)		Differential Mode
Protection level L/N <i>@ I_n (8/20μs)</i>	U _p L/N	1.5 kV
Admissible short-circuit current	I _{scrr}	10 000 A
Mechanical Characteristics		
Technology		MOV
Connection to Network		By solid wires: 0.75mm ²
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	T _u	-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
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
Part number		713567

