



CITEL

Ultra Compact Type 2+3 hard wired surge protector

MLPX2VG-230L-W



- Ultra compact Type 2+3 hard wired surge protectors
- Class 2
- 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 4ed. compliance



	Electrical Characteristics																																																							
<p>V : Varistor Ft: Thermal fuse GSG: Specific gas tube LED: Status indicator t*: Thermal system disconnection</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>2+3</td></tr> <tr><td>Network</td><td></td><td>230-277 V Single-phase</td></tr> <tr><td>AC system</td><td></td><td>TT-TN</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>230 V</td></tr> <tr><td>Max. AC operating voltage</td><td>Uc</td><td>320 Vac</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>10 A</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection</td><td>UT</td><td>335 Vac withstand</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection</td><td>UT</td><td>440 Vac withstand</td></tr> <tr><td>Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection</td><td>UT</td><td>1200 V/300A/200 ms disconnection</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>Ipe</td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>In</td><td>5 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>Imax</td><td>10 kA</td></tr> <tr><td>Total Maximum discharge current max. total withstand @ 8/20 μs</td><td>Imax Total</td><td>20 kA</td></tr> <tr><td>Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs</td><td>Uoc</td><td>10 kV</td></tr> <tr><td>Withstand on overvoltages IEEE C62.41.1</td><td></td><td>10 kV / 10 kA</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Differential Mode</td></tr> <tr><td>Protection level L/N @ In (8/20μs)</td><td>Up L/N</td><td>1.5 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>Iscsr</td><td>10 000 A</td></tr> </table>		SPD type		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	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)		Differential Mode	Protection level L/N @ In (8/20μs)	Up L/N	1.5 kV	Admissible short-circuit current	Iscsr	10 000 A
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