



Compact single-phase type 2 (or 3) surge protector - Monobloc

CITEL

DACN10-L21YG-275



- Cost effective single-phase surge protector
- Type 2+3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 16A
- Disconnection + AC line cut
- 2-port configuration (series mounting)
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



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<p>V: High-energy varistor GSG: Specific Gas Tube LED: Disconnection indicator Ft: Thermal fuse t*: Thermal disconnection system</p>	<table border="1"> <tr> <td>SPD type</td> <td colspan="2">2+3</td> </tr> <tr> <td>Network</td> <td colspan="2">230 V single-phase</td> </tr> <tr> <td>AC system</td> <td colspan="2">TN</td> </tr> <tr> <td>Max. AC operating voltage</td> <td>Uc</td> <td>275 Vac</td> </tr> <tr> <td>Max. load current @25°C</td> <td>IL</td> <td>16 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 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>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>Protection level L/N @ In (8/20μs)</td> <td>Up L/N</td> <td>1.3 kV</td> </tr> <tr> <td>Protection level N/PE @ In (8/20μs)</td> <td>Up N/PE</td> <td>1.6 kV</td> </tr> <tr> <td>Protection level L/PE @ In (8/20μs)</td> <td>Up L/PE</td> <td>1.6 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 V single-phase		AC system	TN		Max. AC operating voltage	Uc	275 Vac	Max. load current @25°C	IL	16 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	Imax	10 kA	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV	Protection level L/N @ In (8/20μs)	Up L/N	1.3 kV	Protection level N/PE @ In (8/20μs)	Up N/PE	1.6 kV	Protection level L/PE @ In (8/20μs)	Up L/PE	1.6 kV	Admissible short-circuit current	Iscsr	10 000 A
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