



## Type 2 (or 3) AC surge protector - 3-phase

# CITEL

## DAC15CS-30-320



- ▶ Compact 3-phase Type 2 (or 3) surge protector
- ▶ In: 5 kA
- ▶ I<sub>max</sub>: 15 kA
- ▶ Common mode
- ▶ Pluggable module
- ▶ Remote signaling
- ▶ IEC 61643-11, EN 61643-11, UL1449 ed.5 compliance



	<b>Electrical Characteristics</b>																																																	
<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator</p>	<table border="1"> <tbody> <tr><td>SPD type</td><td></td><td>2 (or 3)</td></tr> <tr><td>Network</td><td></td><td>230/400 V</td></tr> <tr><td>AC system</td><td></td><td>TN</td></tr> <tr><td>Max. AC operating voltage</td><td>U<sub>c</sub></td><td>320 Vac</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>I<sub>pe</sub></td><td>&lt; 1 mA</td></tr> <tr><td>Follow current</td><td>I<sub>f</sub></td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>I<sub>n</sub></td><td>5 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I<sub>max</sub></td><td>15 kA</td></tr> <tr><td>Total Maximum discharge current max. total withstand @ 8/20 μs</td><td>I<sub>max</sub> Total</td><td>60 kA</td></tr> <tr><td>Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs</td><td>U<sub>oc</sub></td><td>10 kV</td></tr> <tr><td>Protection mode(s)</td><td></td><td>L/PE</td></tr> <tr><td>Protection level N/PE @ I<sub>n</sub> (8/20μs)</td><td>Up N/PE</td><td>1.1 kV</td></tr> <tr><td>Protection level L/PE @ I<sub>n</sub> (8/20μs)</td><td>Up L/PE</td><td>1.1 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>I<sub>sc</sub></td><td>10 000 A</td></tr> </tbody> </table>		SPD type		2 (or 3)	Network		230/400 V	AC system		TN	Max. AC operating voltage	U <sub>c</sub>	320 Vac	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	I <sub>pe</sub>	< 1 mA	Follow current	I <sub>f</sub>	None	Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	5 kA	Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	15 kA	Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	60 kA	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>	10 kV	Protection mode(s)		L/PE	Protection level N/PE @ I <sub>n</sub> (8/20μs)	Up N/PE	1.1 kV	Protection level L/PE @ I <sub>n</sub> (8/20μs)	Up L/PE	1.1 kV	Admissible short-circuit current	I <sub>sc</sub>	10 000 A
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