



## Type 2 AC surge protector - 3-phase

# CITEL

## DAC40C-30-320



- Compact 3-phase Type 2 surge protector
- In : 20 kA
- I<sub>max</sub> : 40 kA
- Common mode/differential
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



	<b>Electrical Characteristics</b>																																														
<p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>2</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>20 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I<sub>max</sub></td><td>40 kA</td></tr> <tr><td>Total Maximum discharge current max. total withstand @ 8/20 μs</td><td>I<sub>max</sub> Total</td><td>160 kA</td></tr> <tr><td>Protection mode(s)</td><td></td><td>L/PE and N/PE</td></tr> <tr><td>Protection level N/PE @ I<sub>n</sub> (8/20 μs)</td><td>Up N/PE</td><td>1.5 kV</td></tr> <tr><td>Protection level L/PE @ I<sub>n</sub> (8/20 μs)</td><td>Up L/PE</td><td>1.5 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>I<sub>sccr</sub></td><td>10 000 A</td></tr> </table>		SPD type		2	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>	20 kA	Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	40 kA	Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	160 kA	Protection mode(s)		L/PE and N/PE	Protection level N/PE @ I <sub>n</sub> (8/20 μs)	Up N/PE	1.5 kV	Protection level L/PE @ I <sub>n</sub> (8/20 μs)	Up L/PE	1.5 kV	Admissible short-circuit current	I <sub>sccr</sub>	10 000 A
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