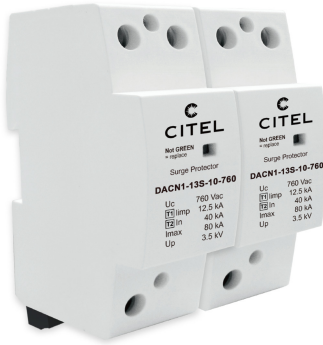




CITEL



Type 1+2 AC surge protector single-phase

DACN1-13S-20-760

- Type 1 + 2 AC surge protector
- High energy discharge capacity(High duty)
- In: 40 kA, I_{max}: 80kA
- I_{imp}: 12.5 kA on 10/350µs impulse
- Unpluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 complied



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<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t°: Thermal disconnection system MI: Disconnection indicator</p>	<table border="1"> <tr><td>SPD type</td><td>IEC</td><td>1+2</td></tr> <tr><td>Network</td><td></td><td>690 V</td></tr> <tr><td>AC system</td><td></td><td>TN</td></tr> <tr><td>Max. AC operating voltage</td><td>U_c</td><td>760 Vac</td></tr> <tr><td>Max. load current @25°C</td><td>I_L</td><td>100 A</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection</td><td>UT</td><td>1000 Vac withstand</td></tr> <tr><td>Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection</td><td>UT</td><td>1325 Vac disconnection</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>I_{pe}</td><td>None</td></tr> <tr><td>Follow current</td><td>I_f</td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 µs impulses</td><td>I_n</td><td>40 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 µs by pole</td><td>I_{max}</td><td>80 kA</td></tr> <tr><td>Impulse current by pole max. withstand 10/350µs by pole</td><td>I_{imp}</td><td>12.5 kA</td></tr> <tr><td>Specific energy by pole max. withstand 10/350 µs</td><td>W/R</td><td>40 kJ/ohm</td></tr> <tr><td>Protection level @ I_n (8/20µs)</td><td>U_p</td><td>3.5 kV</td></tr> <tr><td>Residual voltage at 5 kA @ 5 kA (8/20µs)</td><td>U_{p-5kA}</td><td>2.3 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>I_{sc}</td><td>25 000 A</td></tr> </table>		SPD type	IEC	1+2	Network		690 V	AC system		TN	Max. AC operating voltage	U _c	760 Vac	Max. load current @25°C	I _L	100 A	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1000 Vac withstand	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	1325 Vac disconnection	Residual Current Leakage current to Ground	I _{pe}	None	Follow current	I _f	None	Nominal discharge current 15 x 8/20 µs impulses	I _n	40 kA	Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	80 kA	Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	12.5 kA	Specific energy by pole max. withstand 10/350 µs	W/R	40 kJ/ohm	Protection level @ I _n (8/20µs)	U _p	3.5 kV	Residual voltage at 5 kA @ 5 kA (8/20µs)	U _{p-5kA}	2.3 kV	Admissible short-circuit current	I _{sc}	25 000 A
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