



Compact 1-phase Type 2 (or 3) surge protector - 120 V -Pluggable

CITEL

DS240S-230/G



- Discover our latest innovation : the [DAC40CS-11-275](#)
- Compact single-phase Type 2 surge protector
- In : 20 kA
- Imax : 40 kA
- Common/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



	Electrical Characteristics																																																							
<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact 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 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 Vac</td></tr> <tr><td>Max. AC operating voltage</td><td>Uc</td><td>255 Vac</td></tr> <tr><td>Max. load current if series connection</td><td>IL</td><td>20 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>Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection</td><td>UT</td><td>1200 V/300A/200 ms withstand</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>Ipe</td><td>None</td></tr> <tr><td>Follow current</td><td>If</td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>In</td><td>20 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>Imax</td><td>40 kA</td></tr> <tr><td>Total Maximum discharge current max. total withstand @ 8/20 μs</td><td>Imax Total</td><td>40 kA</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Common/Differential mode</td></tr> <tr><td>Residual voltage at 5 kA @ 5 kA (8/20μs)</td><td>Up-5kA</td><td>1.5/0.9 kV</td></tr> <tr><td>Protection level CM/DM @ In (8/20μs)</td><td>Up mc /md</td><td>1.5/1.25 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>Iscsr</td><td>10 000 A</td></tr> </table>		SPD type		2	Network		230 V single-phase	AC system		TT-TN	Nominal line voltage	Un	230 Vac	Max. AC operating voltage	Uc	255 Vac	Max. load current if series connection	IL	20 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	Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand	Residual Current Leakage current to Ground	Ipe	None	Follow current	If	None	Nominal discharge current 15 x 8/20 μs impulses	In	20 kA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	40 kA	Total Maximum discharge current max. total withstand @ 8/20 μs	Imax Total	40 kA	Protection mode(s)		Common/Differential mode	Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA	1.5/0.9 kV	Protection level CM/DM @ In (8/20μs)	Up mc /md	1.5/1.25 kV	Admissible short-circuit current	Iscsr	10 000 A
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