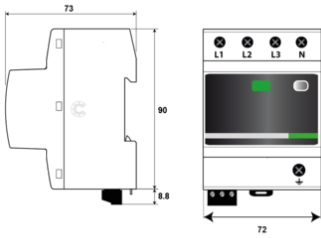
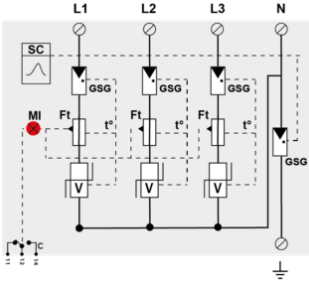


DACN1-25CVGS-31-320/SC



- Type 1 + 2+3 AC surge protector
- Integrated surge counter
- VG Technology
- Iimp: 25 kA on 10/350µs impulse
- In: 25 kA
- Optimized to TOV
- No leakage current
- Monobloc
- Remote signaling
- EN 61643-11, IEC 61643-11 complied



	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>1+2+3</td></tr> <tr><td>Network</td><td></td><td>230/400 V 3-phase+N</td></tr> <tr><td>AC system</td><td></td><td>TT-TNS</td></tr> <tr><td>Max. AC operating voltage</td><td>Uc</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 withstand</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>25 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 µs by pole</td><td>I_{max}</td><td>100 kA</td></tr> <tr><td>Impulse current by pole max. withstand 10/350µs by pole</td><td>I_{imp}</td><td>25 kA</td></tr> <tr><td>Total lightning current max. total withstand @ 10/350µs</td><td>I_{total}</td><td>100 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>6 kV</td></tr> <tr><td>Protection level L/N @ In (8/20µs)</td><td>Up L/N</td><td>1.5 kV</td></tr> <tr><td>Protection level N/PE @ In (8/20µs)</td><td>Up N/PE</td><td>1.5 kV</td></tr> <tr><td>Minimum current sensibility</td><td>I_{tc}</td><td>100 A</td></tr> <tr><td>Admissible short-circuit current</td><td>I_{sc}</td><td>50 000 A</td></tr> </table>	SPD type		1+2+3	Network		230/400 V 3-phase+N	AC system		TT-TNS	Max. AC operating voltage	Uc	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 withstand	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	25 kA	Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	100 kA	Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	25 kA	Total lightning current max. total withstand @ 10/350µs	I _{total}	100 kA	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	6 kV	Protection level L/N @ In (8/20µs)	Up L/N	1.5 kV	Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV	Minimum current sensibility	I _{tc}	100 A	Admissible short-circuit current	I _{sc}	50 000 A	
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