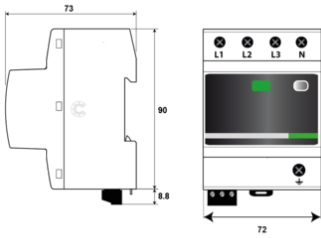
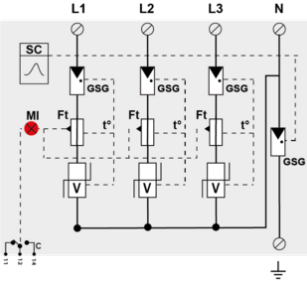


DACN1-25CVGS-31-150/SC



- 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>120/208 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>150 Vac</td> </tr> <tr> <td>Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection</td> <td>UT</td> <td>180 Vac withstand</td> </tr> <tr> <td>Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection</td> <td>UT</td> <td>230 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_{scrr}</td> <td>50 000 A</td> </tr> </table>		SPD type		1+2+3	Network		120/208 V 3-phase+N	AC system		TT-TNS	Max. AC operating voltage	Uc	150 Vac	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 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 _{scrr}	50 000 A
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