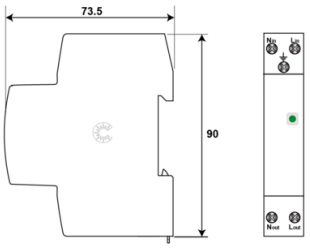
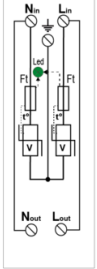


## DACN10-20-275



- Cost effective single-phase surge protector
- Type 2 or 3 monobloc compact
- I<sub>n</sub>/I<sub>max</sub>: 5 kA/10 kA
- Max. load current: 25A
- 2-port configuration (series mounting)
- Remote signaling (option)
- EN 61643-11, IEC 61643-11, UL1449 ed.4 compliance



	<b>Electrical Characteristics</b>																																																	
 <p>V: Varistor Ft: Thermal fuse LED: Disconnection indicator t*: Thermal disconnection system</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>2 (or 3)</td></tr> <tr><td>Network</td><td></td><td>230 V single-phase</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>275 Vac</td></tr> <tr><td>Max. load current</td><td>I<sub>L</sub></td><td>25 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 breaker disconnection</td></tr> <tr><td>Residual Current (Leakage current to Ground)</td><td>I<sub>pe</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>5 kA</td></tr> <tr><td>Max. discharge current (max. withstand @ 8/20 μs by pole)</td><td>I<sub>max</sub></td><td>10 kA</td></tr> <tr><td>Total Maximum discharge current (max. total withstand @ 8/20 μs)</td><td>I<sub>max</sub> Total</td><td>20 kA</td></tr> <tr><td>Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50μs - 8/20μs)</td><td>U<sub>oc</sub></td><td>10 kV</td></tr> <tr><td>Protection level N/PE (@ I<sub>n</sub> (8/20μs))</td><td>Up N/PE</td><td>1.1 kV</td></tr> <tr><td>Protection level L/PE (@ I<sub>n</sub> (8/20μs))</td><td>Up L/PE</td><td>1.1 kV</td></tr> <tr><td>Admissible short-circuit current</td><td>I<sub>sc</sub></td><td>10 000 A</td></tr> </table>		SPD type		2 (or 3)	Network		230 V single-phase	AC system		TN	Max. AC operating voltage	U <sub>c</sub>	275 Vac	Max. load current	I <sub>L</sub>	25 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 breaker disconnection	Residual Current (Leakage current to Ground)	I <sub>pe</sub>	None	Nominal discharge current (15 x 8/20 μs impulses)	I <sub>n</sub>	5 kA	Max. discharge current (max. withstand @ 8/20 μs by pole)	I <sub>max</sub>	10 kA	Total Maximum discharge current (max. total withstand @ 8/20 μs)	I <sub>max</sub> Total	20 kA	Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50μs - 8/20μs)	U <sub>oc</sub>	10 kV	Protection level N/PE (@ I <sub>n</sub> (8/20μs))	Up N/PE	1.1 kV	Protection level L/PE (@ I <sub>n</sub> (8/20μs))	Up L/PE	1.1 kV	Admissible short-circuit current	I <sub>sc</sub>	10 000 A
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