



# CITEL

## 1-pair DIN rail plug-in Data surge protector

### DLAW-24D3



- ✔ Din rail plug-in surge protector
- ✔ 1-pair
- ✔ Un: 24 V
- ✔ Shield wire protection
- ✔ Plug-out with line cut-off
- ✔ IEC 61643-21 compliance
- ✔ UL497B



	<b>Electrical Characteristics</b>																																										
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	<table border="1"> <tr><td>Network</td><td></td><td>4-20 mA</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>24 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>28 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>&gt; 3 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>&lt; 1 dB</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>300 mA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 µs by pole</td><td>Imax</td><td>20 kA</td></tr> <tr><td>Line inductance (± 10 %)</td><td></td><td>non</td></tr> <tr><td>Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</td><td>Up</td><td>40 V</td></tr> <tr><td>Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</td><td>Up</td><td>40 V</td></tr> <tr><td>Impulse current 2 x 10/350µs Test - D1 Category</td><td>Iimp</td><td>5 kA</td></tr> <tr><td>Line/Line Nominal discharge current C2 Category</td><td>In L/L</td><td>5 kA</td></tr> <tr><td>Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category</td><td>In L/PE</td><td>5 kA</td></tr> <tr><td>Line resistance (± 10%)</td><td></td><td>4.7 Ohm</td></tr> </table>	Network		4-20 mA	Nominal line voltage	Un	24 V	Max. DC operating voltage	Uc	28 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	300 mA	Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA	Line inductance (± 10 %)		non	Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	40 V	Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	40 V	Impulse current 2 x 10/350µs Test - D1 Category	Iimp	5 kA	Line/Line Nominal discharge current C2 Category	In L/L	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	5 kA	Line resistance (± 10%)		4.7 Ohm
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