



# CITEL

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

### DLAH-12D3



- ▶ Pluggable surge protection for «DIN» mounting
- ▶ Coordination inductor
- ▶ Up to 2.4 A line current
- ▶ Remote supply version
- ▶ All types of Telephone and Data lines
- ▶ Shield wire protection
- ▶ IEC 61643-21 compliance



	<b>Electrical Characteristics</b>																																											
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube L: Inductor D: Clamping diode</p>	<table border="1"> <tr><td>Network</td><td></td><td>RS232, RS485</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>12 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>15 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>2.4 A</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</td><td></td><td>10uH</td></tr> <tr><td>Protection level Following the test category C3 (IEC61643-21) - Line/Line</td><td>Up</td><td>30 V</td></tr> <tr><td>Protection level Following the test category C3 (IEC61643-21) - Line/PE</td><td>Up</td><td>20 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</td><td></td><td>0 Ohm</td></tr> </table>		Network		RS232, RS485	Nominal line voltage	Un	12 V	Max. DC operating voltage	Uc	15 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	2.4 A	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Line inductance		10uH	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	30 V	Protection level Following the test category C3 (IEC61643-21) - Line/PE	Up	20 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		0 Ohm
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