



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



	Electrical Characteristics																																								
<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>> 3 MHz</td> </tr> <tr> <td>Insertion loss</td> <td></td> <td>< 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>I_{max}</td> <td>20 kA</td> </tr> <tr> <td>Line inductance (± 10 %)</td> <td></td> <td>10 μH</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/L</td> <td>30 V</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/PE</td> <td>20 V</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs Test - D1 Category</td> <td>I_{imp}</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) 8/20 μs Test x 10 - C2 Category</td> <td>In L/PE</td> <td>5 kA</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	I _{max}	20 kA	Line inductance (± 10 %)		10 μH	Protection level @ In (8/20 μs)	Up L/L	30 V	Protection level @ In (8/20 μs)	Up L/PE	20 V	Impulse current 2 x 10/350 μs Test - D1 Category	I _{imp}	5 kA	Line/Line Nominal discharge current C2 Category	In L/L	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	In L/PE	5 kA
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