



# CITEL

## 1-pair monobloc Telecom surge protector

### DLC-24D3/RE



- For 'DIN' rail mounting
- All types of Telephone and Data lines
- Monobloc housing and very compact
- Protection of shield wire
- IEC 61643-21 compliance



	<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>4-20mA, Liaison 24V</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>10 kA</td> </tr> <tr> <td>Line inductance (± 10 %)</td> <td></td> <td>non</td> </tr> <tr> <td>Protection mode(s)</td> <td></td> <td>Common/Differential mode</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/L</td> <td>40 V</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs Test - D1 Category</td> <td>Iimp</td> <td>2.5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In</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		4-20mA, Liaison 24V	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	10 kA	Line inductance (± 10 %)		non	Protection mode(s)		Common/Differential mode	Protection level @ In (8/20 μs)	Up L/L	40 V	Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	2.5 kA	Nominal discharge current C2 Category	In	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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