



1-pair DIN rail plug-in Data surge protector

CITEL

DLA-06D3/R



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



	Electrical Characteristics																																								
<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>RS422, RS485</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>6 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>8 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. discharge current <i>max. withstand @ 8/20 μs by pole</i></td> <td>I_{max}</td> <td>20 kA</td> </tr> <tr> <td>Line inductance</td> <td></td> <td>No</td> </tr> <tr> <td>Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i></td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i></td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>Max. capacitance</td> <td>C</td> <td>< 50 pF</td> </tr> <tr> <td>Impulse current <i>2 x 10/350 μs Test - D1 Category</i></td> <td>I_{imp}</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current <i>C2 Category</i></td> <td>I_n</td> <td>5 kA</td> </tr> <tr> <td>Line resistance</td> <td></td> <td>< 4.7 Ohm</td> </tr> </table>		Network		RS422, RS485	Nominal line voltage	Un	6 V	Max. DC operating voltage	Uc	8 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA	Line inductance		No	Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up	20 V	Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up	20 V	Max. capacitance	C	< 50 pF	Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I _{imp}	5 kA	Nominal discharge current <i>C2 Category</i>	I _n	5 kA	Line resistance		< 4.7 Ohm
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