



CITEL

1-pair DIN rail plug-in Data surge protector

DLA-24D2/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>4-20 mA#floating</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>32 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>> 50 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>600 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 @ In (8/20 μs)</td> <td>Up L/L</td> <td>60 V</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/PE</td> <td>650 V</td> </tr> <tr> <td>Max. capacitance</td> <td>C</td> <td>< 50 pF</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs Test - D1 Category</td> <td>Iimp</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In</td> <td>10 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td></td> <td>2 Ohm</td> </tr> </table>		Network		4-20 mA#floating	Nominal line voltage	Un	24 V	Max. DC operating voltage	Uc	32 Vdc	Max. frequency	f max.	> 50 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	600 mA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Line inductance (± 10 %)		non	Protection level @ In (8/20 μs)	Up L/L	60 V	Protection level @ In (8/20 μs)	Up L/PE	650 V	Max. capacitance	C	< 50 pF	Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	10 kA	Line resistance (± 10%)		2 Ohm
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Mechanical Characteristics																																												
Technology		GDT+Clamping diode																																										
SPD configuration		1-pair+shielded																																										
Connection to Network		Spring terminal: cross section 0.5-2.5mm ²																																										
Format		Plug-in DIN box																																										
Mounting		Symmetrical rail 35 mm (EN 60715)																																										
Housing material		Thermoplastic UL94 V-0																																										
Operating and storage temperature		-40/+85°C																																										
Protection rating		IP20																																										
Failsafe mode		Short-circuit																																										
Disconnection indicator		Transmission interrupt - default mode 2																																										
Spare module(s)		DLAM-24D2																																										
Dimensions		See diagram																																										
Weight		0.063 kg																																										
Standards																																												
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A																																										
Certification		UL Listed																																										
Part number																																												
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