



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

# CITEL

## DLAS1-48D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 48 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497A compliance



	<b>Electrical Characteristics</b>																																					
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube PTC: Thermal resistor R: Resistor D : Clamping diode Vi : Indicator</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>RNIS-T0, 48 V line</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>48 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>53 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>&gt; 3 MHz</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>I<sub>max</sub></td> <td>20 kA</td> </tr> <tr> <td>Line inductance</td> <td></td> <td>No</td> </tr> <tr> <td>Protection level @ I<sub>n</sub> (8/20 μs)</td> <td>Up L/L</td> <td>70 V</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs Test - D1 Category</td> <td>I<sub>imp</sub></td> <td>5 kA</td> </tr> <tr> <td>Line/Line Nominal discharge current C2 Category</td> <td>I<sub>n</sub> 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>I<sub>n</sub> L/PE</td> <td>5 kA</td> </tr> <tr> <td>Line resistance</td> <td></td> <td>&lt; 4.7 Ohm</td> </tr> </table>		Network		RNIS-T0, 48 V line	Nominal line voltage	Un	48 V	Max. DC operating voltage	Uc	53 Vdc	Max. frequency	f max.	> 3 MHz	Max. load current @25°C	IL	300 mA	Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	20 kA	Line inductance		No	Protection level @ I <sub>n</sub> (8/20 μs)	Up L/L	70 V	Impulse current 2 x 10/350 μs Test - D1 Category	I <sub>imp</sub>	5 kA	Line/Line Nominal discharge current C2 Category	I <sub>n</sub> L/L	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	I <sub>n</sub> L/PE	5 kA	Line resistance		< 4.7 Ohm
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