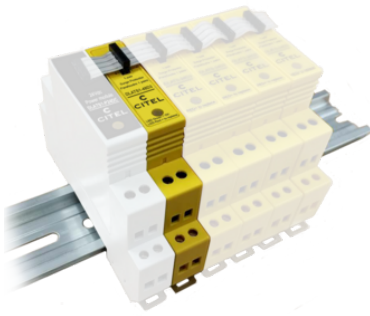




# 1-pair DIN rail plug-in Data surge protector

# CITEL

## DLATS1-48D3



- 1-pair data line/telecom surge protection
- Local and Remote signaling of SPD status
- DIN rail mounting, Screw connect status
- Plug-in module
- 1 monitoring module + SPD modules (up to 48) + bus
- Discharge current  $I_{max}/I_n$ : 20 kA / 5kA
- Complies with IEC/EN 61643-21 and UL497A



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<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><math>U_n</math></td> <td>48 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td><math>U_c</math></td> <td>53 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><math>I_L</math></td> <td>300 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td><math>I_{max}</math></td> <td>20 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 @ <math>I_n</math> (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><math>I_{imp}</math></td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td><math>I_n</math></td> <td>5 kA</td> </tr> <tr> <td>Line/Line Nominal discharge current C2 Category</td> <td><math>I_n</math> 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><math>I_n</math> L/PE</td> <td>5 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td></td> <td>4.7 Ohm</td> </tr> </table>		Network		RNIS-T0, 48 V line	Nominal line voltage	$U_n$	48 V	Max. DC operating voltage	$U_c$	53 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	$I_L$	300 mA	Max. discharge current max. withstand @ 8/20 μs by pole	$I_{max}$	20 kA	Line inductance (± 10 %)		non	Protection mode(s)		Common/Differential mode	Protection level @ $I_n$ (8/20 μs)	Up L/L	70 V	Impulse current 2 x 10/350 μs Test - D1 Category	$I_{imp}$	5 kA	Nominal discharge current C2 Category	$I_n$	5 kA	Line/Line Nominal discharge current C2 Category	$I_n$ L/L	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	$I_n$ L/PE	5 kA	Line resistance (± 10%)		4.7 Ohm													
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