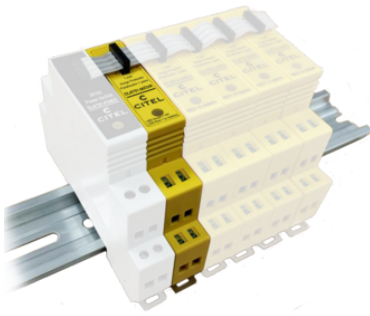




# 1-pair DIN rail plug-in Data surge protector

# CITEL

## DLATS1-06D3/R



- 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



	<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>RS422</td></tr> <tr><td>Nominal line voltage</td><td><math>U_n</math> 6 V</td></tr> <tr><td>Max. DC operating voltage</td><td><math>U_c</math> 8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max. &gt; 3 MHz</td></tr> <tr><td>Insertion loss</td><td>&lt; 1 dB</td></tr> <tr><td>Max. load current @25°C</td><td><math>I_L</math> 300 mA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 <math>\mu</math>s by pole</td><td><math>I_{max}</math> 20 kA</td></tr> <tr><td>Line inductance</td><td>No</td></tr> <tr><td>Protection mode(s)</td><td>Common/Differential mode</td></tr> <tr><td>Protection level @ <math>I_n</math> (8/20 <math>\mu</math>s)</td><td>Up L/L 20 V</td></tr> <tr><td>Impulse current 2 x 10/350 <math>\mu</math>s Test - D1 Category</td><td><math>I_{imp}</math> 5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td><math>I_n</math> 5 kA</td></tr> <tr><td>Line/Line Nominal discharge current C2 Category</td><td><math>I_n</math> L/L 5 kA</td></tr> <tr><td>Nominal Discharge Current, X-C (Line/Earth) 8/20 <math>\mu</math>s Test x 10 - C2 Category</td><td><math>I_n</math> L/PE 5 kA</td></tr> </table>		Network	RS422	Nominal line voltage	$U_n$ 6 V	Max. DC operating voltage	$U_c$ 8 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 $\mu$ s by pole	$I_{max}$ 20 kA	Line inductance	No	Protection mode(s)	Common/Differential mode	Protection level @ $I_n$ (8/20 $\mu$ s)	Up L/L 20 V	Impulse current 2 x 10/350 $\mu$ s 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 $\mu$ s Test x 10 - C2 Category	$I_n$ L/PE 5 kA												
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