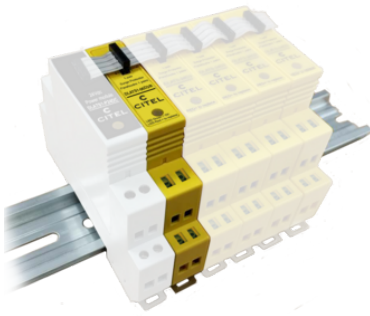




CITEL

1-pair DIN rail plug-in Data surge protector

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



	Electrical Characteristics																																								
<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>U_n 6 V</td></tr> <tr><td>Max. DC operating voltage</td><td>U_c 8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max. > 3 MHz</td></tr> <tr><td>Insertion loss</td><td>< 1 dB</td></tr> <tr><td>Max. load current @25°C</td><td>I_L 300 mA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I_{max} 20 kA</td></tr> <tr><td>Line inductance (± 10 %)</td><td>non</td></tr> <tr><td>Protection mode(s)</td><td>Common/Differential mode</td></tr> <tr><td>Protection level @ I_n (8/20 μs)</td><td>Up L/L 20 V</td></tr> <tr><td>Impulse current 2 x 10/350 μs Test - D1 Category</td><td>I_{imp} 5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>I_n 5 kA</td></tr> <tr><td>Line/Line Nominal discharge current C2 Category</td><td>I_n L/L 5 kA</td></tr> <tr><td>Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category</td><td>I_n L/PE 5 kA</td></tr> <tr><td>Line resistance (± 10%)</td><td>4.7 Ohm</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 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 20 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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