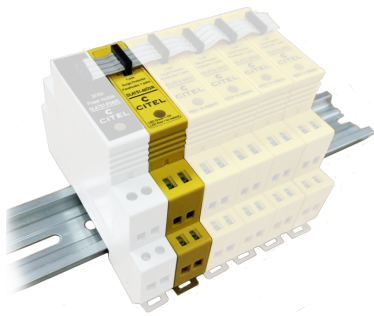


DLATS1-48D3/R



- ✦ 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 UL497B



	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></td> <td>RNIS-T0, 48 V line</td> </tr> <tr> <td>Nominal line voltage</td> <td>U_n</td> <td>48 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>U_c</td> <td>53 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f_{max}</td> <td>> 3 MHz</td> </tr> <tr> <td>Insertion loss</td> <td></td> <td>< 1 dB</td> </tr> <tr> <td>Max. load current @25°C</td> <td>I_L</td> <td>300 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>I_{max}</td> <td>20 kA</td> </tr> <tr> <td>Line inductance ($\pm 10\%$)</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 C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>70 V</td> </tr> <tr> <td>Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</td> <td>70 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>I_{imp}</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>I_n</td> <td>5 kA</td> </tr> <tr> <td>Line/Line Nominal discharge current C2 Category</td> <td>$I_n L/L$</td> <td>5 kA</td> </tr> <tr> <td>Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category</td> <td>$I_n L/PE$</td> <td>5 kA</td> </tr> <tr> <td>Line resistance ($\pm 10\%$)</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 μ s by pole	I_{max}	20 kA	Line inductance ($\pm 10\%$)		non	Protection mode(s)		Common/Differential mode	Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line)	Up	70 V	Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	Up	70 V	Impulse current 2 x 10/350 μ 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 μ s Test x 10 - C2 Category	$I_n L/PE$	5 kA	Line resistance ($\pm 10\%$)		4.7 Ohm
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