



CITEL

1-pair monobloc Data surge protector

DLU-24D3



- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 24 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A



	Electrical Characteristics																																								
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	<table border="1"> <tr><td>Network</td><td></td><td>4-20mA, Liaison 24V</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>24 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>28 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>IL</td><td>300 mA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>Imax</td><td>20 kA</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Common/Differential mode</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/L</td><td>40 V</td></tr> <tr><td>Max. capacitance</td><td>C</td><td>< 50 pF</td></tr> <tr><td>Impulse current 2 x 10/350μs Test - D1 Category</td><td>Iimp</td><td>5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>In</td><td>5 kA</td></tr> <tr><td>Line resistance (± 10%)</td><td></td><td>4.7 Ohm</td></tr> </table>		Network		4-20mA, Liaison 24V	Nominal line voltage	Un	24 V	Max. DC operating voltage	Uc	28 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	300 mA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Protection mode(s)		Common/Differential mode	Protection level @ In (8/20 μs)	Up L/L	40 V	Max. capacitance	C	< 50 pF	Impulse current 2 x 10/350μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	5 kA	Line resistance (± 10%)		4.7 Ohm
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Mechanical Characteristics																																									
		Technology: GDT+Clamping diode																																							
		SPD configuration: 1-pair+shielded																																							
		Connection to Network: By screw terminal - cross section 1.5-2.5mm ²																																							
		Format: DIN box																																							
		Mounting: Symmetrical rail 35 mm (EN 60715)																																							
		Housing material: Thermoplastic UL94 V-0																																							
		Operating temperature: Tu -40/+85°C																																							
		Protection rating: IP20																																							
		Failsafe mode: Short-circuit																																							
		Disconnection indicator: Transmission interrupt - default mode 2																																							
		Dimensions: See diagram																																							
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		Certification: UL 497B																																							
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640503																																									

