



2-pair monobloc Data surge protector

CITEL

DLU2-48DBC



- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 48 V
- 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>Fipway, WorldFIP, FieldBus-h2</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>48 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>53 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>> 20 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>Line inductance</td> <td></td> <td>No</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>75 V</td> </tr> <tr> <td>Max. capacitance</td> <td>C</td> <td>< 50 pF</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs 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</td> <td></td> <td>< 4.7 Ohm</td> </tr> </table>		Network		Fipway, WorldFIP, FieldBus-h2	Nominal line voltage	Un	48 V	Max. DC operating voltage	Uc	53 Vdc	Max. frequency	f max.	> 20 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	Line inductance		No	Protection mode(s)		Common/Differential mode	Protection level @ In (8/20 μs)	Up L/L	75 V	Max. capacitance	C	< 50 pF	Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	5 kA	Line resistance		< 4.7 Ohm
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Mechanical Characteristics																																												
		GDT+Clamping diode																																										
		SPD configuration 2 pairs																																										
		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																																										
		Remote signaling of disconnection No																																										
		Dimensions See diagram																																										
		Weight 0.064 kg																																										
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		Certification UL 497B																																										
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