



2-pair monobloc Data surge protector

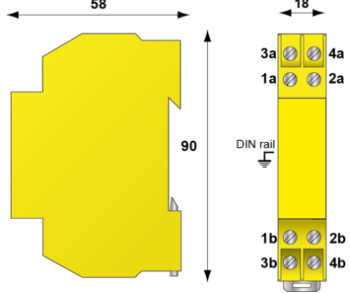
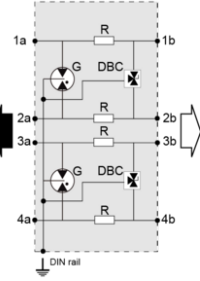
CITEL

DLU2-12DBC



- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 12 V
- IEC 61643-21 compliance
- UL497A



 <p>58 18 90 DIN rail 3a 4a 1a 2a 1b 2b 3b 4b</p>	Electrical Characteristics																																																																															
 <p>1a 1b 2a 2b 3a 3b 4a 4b DIN rail</p> <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>12 V line, High bitrate</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>12 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>15 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 Following the test category C3 (IEC61643-21) - Line/Line</td><td>Up</td><td>35 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</td><td></td><td>< 4.7 Ohm</td></tr> </table>	Network		12 V line, High bitrate	Nominal line voltage	Un	12 V	Max. DC operating voltage	Uc	15 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 Following the test category C3 (IEC61643-21) - Line/Line	Up	35 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		< 4.7 Ohm	<table border="1"> <tr><td>Technology</td><td></td><td>GDT+Clamping diode</td></tr> <tr><td>SPD configuration</td><td></td><td>2 pairs</td></tr> <tr><td>Connection to Network</td><td></td><td>By screw terminal - cross section 1.5-2.5mm²</td></tr> <tr><td>Format</td><td></td><td>DIN box</td></tr> <tr><td>Mounting</td><td></td><td>Symmetrical rail 35 mm (EN 60715)</td></tr> <tr><td>Housing material</td><td></td><td>Thermoplastic UL94 V-0</td></tr> <tr><td>Operating temperature</td><td>Tu</td><td>-40/+85°C</td></tr> <tr><td>Protection rating</td><td></td><td>IP20</td></tr> <tr><td>Failsafe mode</td><td></td><td>Short-circuit</td></tr> <tr><td>Disconnection indicator</td><td></td><td>Transmission interrupt - default mode 2</td></tr> <tr><td>Remote signaling of disconnection</td><td></td><td>No</td></tr> <tr><td>Dimensions</td><td></td><td>See diagram</td></tr> </table>	Technology		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
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