



2-pair monobloc Data surge protector

CITEL

DLU2-06DBC



- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 6 V
- IEC 61643-21 compliance
- UL497A certified



	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>6 V line, High bitrate, MIC/T2, 10BaseT</td></tr> <tr><td>Nominal line voltage</td><td>Un</td><td>6 V</td></tr> <tr><td>Max. DC operating voltage</td><td>Uc</td><td>10 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>25 V</td></tr> <tr><td>Max. capacitance</td><td>C</td><td>< 25 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		6 V line, High bitrate, MIC/T2, 10BaseT	Nominal line voltage	Un	6 V	Max. DC operating voltage	Uc	10 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	25 V	Max. capacitance	C	< 25 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
Network		6 V line, High bitrate, MIC/T2, 10BaseT																																										
Nominal line voltage	Un	6 V																																										
Max. DC operating voltage	Uc	10 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	25 V																																										
Max. capacitance	C	< 25 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																																										
Mechanical Characteristics																																												
<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> <tr><td>Weight</td><td></td><td>0.063 kg</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	Weight		0.063 kg			
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																																										
Weight		0.063 kg																																										
Standards																																												
<table border="1"> <tr><td>Standards compliance</td><td></td><td>IEC 61643-21 / EN 61643-21 / UL497A</td></tr> <tr><td>Certification</td><td></td><td>UL 497B</td></tr> </table>			Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A	Certification		UL 497B																																				
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A																																										
Certification		UL 497B																																										
Part number																																												
640431																																												

