



## 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



	<table border="1"> <thead> <tr> <th colspan="2">Electrical Characteristics</th> </tr> </thead> <tbody> <tr> <td>Network</td> <td>6 V line, High bitrate, MIC/T2, 10BaseT</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un 6 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc 10 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max. &gt; 20 MHz</td> </tr> <tr> <td>Insertion loss</td> <td>&lt; 1 dB</td> </tr> <tr> <td>Max. load current @25°C</td> <td>IL 300 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>Imax 20 kA</td> </tr> <tr> <td>Line inductance</td> <td>No</td> </tr> <tr> <td>Protection mode(s)</td> <td>Common/Differential mode</td> </tr> <tr> <td>Protection level @ In (8/20 μs)</td> <td>Up L/L 25 V</td> </tr> <tr> <td>Max. capacitance</td> <td>C &lt; 25 pF</td> </tr> <tr> <td>Impulse current 2 x 10/350 μs Test - D1 Category</td> <td>Iimp 5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In 5 kA</td> </tr> <tr> <td>Line resistance</td> <td>&lt; 4.7 Ohm</td> </tr> <tr> <th colspan="2">Mechanical Characteristics</th> </tr> <tr> <td>Technology</td> <td>GDT+Clamping diode</td> </tr> <tr> <td>SPD configuration</td> <td>2 pairs</td> </tr> <tr> <td>Connection to Network</td> <td>By screw terminal - cross section 1.5-2.5mm<sup>2</sup></td> </tr> <tr> <td>Format</td> <td>DIN box</td> </tr> <tr> <td>Mounting</td> <td>Symmetrical rail 35 mm (EN 60715)</td> </tr> <tr> <td>Housing material</td> <td>Thermoplastic UL94 V-0</td> </tr> <tr> <td>Operating temperature</td> <td>Tu -40/+85°C</td> </tr> <tr> <td>Protection rating</td> <td>IP20</td> </tr> <tr> <td>Failsafe mode</td> <td>Short-circuit</td> </tr> <tr> <td>Disconnection indicator</td> <td>Transmission interrupt - default mode 2</td> </tr> <tr> <td>Remote signaling of disconnection</td> <td>No</td> </tr> <tr> <td>Dimensions</td> <td>See diagram</td> </tr> <tr> <td>Weight</td> <td>0.063 kg</td> </tr> <tr> <th colspan="2">Standards</th> </tr> <tr> <td>Standards compliance</td> <td>IEC 61643-21 / EN 61643-21 / UL497A</td> </tr> <tr> <td>Certification</td> <td>UL 497B</td> </tr> <tr> <th colspan="2">Part number</th> </tr> <tr> <td colspan="2">640431</td> </tr> </tbody> </table>	Electrical Characteristics		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		Technology	GDT+Clamping diode	SPD configuration	2 pairs	Connection to Network	By screw terminal - cross section 1.5-2.5mm <sup>2</sup>	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		Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	Certification	UL 497B	Part number		640431	
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