



## 2-pair DIN rail plug-in Data surge protector

# CITEL

## DLA2-06D2



- ↳ Din rail plug-in surge protector
- ↳ 2-pair
- ↳ Un: 6 V
- ↳ Shield wire protection
- ↳ Without line cut-off
- ↳ IEC 61643-21 compliance



	<b>Electrical Characteristics</b>																																					
<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>RS422, RS485</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>8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>&gt; 50 MHz</td></tr> <tr><td>Max. load current @25°C</td><td>IL</td><td>600 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 (± 10 %)</td><td></td><td>No</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/L</td><td>30 V</td></tr> <tr><td>Protection level @ In (8/20 μs)</td><td>Up L/PE</td><td>650 V</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>10 kA</td></tr> <tr><td>Line resistance</td><td></td><td>&lt; 2 Ohm</td></tr> </table>		Network		RS422, RS485	Nominal line voltage	Un	6 V	Max. DC operating voltage	Uc	8 Vdc	Max. frequency	f max.	> 50 MHz	Max. load current @25°C	IL	600 mA	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Line inductance (± 10 %)		No	Protection level @ In (8/20 μs)	Up L/L	30 V	Protection level @ In (8/20 μs)	Up L/PE	650 V	Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	10 kA	Line resistance		< 2 Ohm
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Insertion loss	< 1dB																																					
<b>Mechanical Characteristics</b>																																						
Technology	GDT+Clamping diode																																					
SPD configuration	2 pairs																																					
Connection to Network	By screw terminal: cross section 0.5-2.5mm <sup>2</sup>																																					
Format	Plug-in DIN box																																					
Mounting	Symmetrical rail 35 mm (EN 60715)																																					
Housing material	Thermoplastic UL94 V-0																																					
Operating and storage temperature	-40/+85°C																																					
Protection rating	IP20																																					
Failsafe mode	Short-circuit																																					
Disconnection indicator	Transmission interrupt - default mode 2																																					
Spare module(s)	DLA2M-06D2																																					
Dimensions	See diagram																																					
Weight	0.089 kg																																					
<b>Standards</b>																																						
Standards compliance	IEC 61643-21 / EN 61643-21																																					
<b>Part number</b>																																						
6403611																																						

