



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I_{max} (1x-8/20us)
- ↳ 5kA I_{mp} (2x-10/350us)
- ↳ 5kA I_n (10x-8/20us)
- ↳ Modular
- ↳ 2W+SHIELD+G



	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>RS232, RS485</td></tr> <tr><td>Max. DC operating voltage</td><td>U_c</td><td>15 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>> 3 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>< 1 dB</td></tr> <tr><td>Max. load current @25°C</td><td>I_L</td><td>300 mA</td></tr> <tr><td>Impulse current 2 x 10/350µs Test - D1 Category</td><td>I_{imp}</td><td>5 kA</td></tr> <tr><td>Nominal discharge current C2 Category</td><td>I_n</td><td>5 kA</td></tr> <tr><td>Line resistance (± 10%)</td><td></td><td>4.7 Ohm</td></tr> <tr><td>DATA SPD TYPE</td><td></td><td>UL497B LISTED</td></tr> <tr><td>VOLTS</td><td>(V)</td><td>12</td></tr> <tr><td>WIRES</td><td></td><td>2W+Shield+G</td></tr> <tr><td>LINE CURRENT MAX</td><td>(A)</td><td>0.3</td></tr> <tr><td>AMBIENT MIN</td><td>(C)</td><td>-40</td></tr> <tr><td>AMBIENT MAX</td><td>(C)</td><td>+85</td></tr> <tr><td>RESIDUAL VOLTAGE</td><td>(V)</td><td>30</td></tr> <tr><td>MCOV</td><td>(V)</td><td>15</td></tr> <tr><td>IN 10 impulses 8/20µs</td><td>(kA)</td><td>5</td></tr> <tr><td>IMAX 8/20µs</td><td>(kA)</td><td>20</td></tr> <tr><td>I_{imp} 10/350µs</td><td>(kA)</td><td>5</td></tr> <tr><td>DATA SPEED</td><td>(Mbps)</td><td>10/100</td></tr> <tr><td>FREQUENCY</td><td>(MHz)</td><td>up to 10</td></tr> <tr><td>INSERTION LOSS (@ FREQ)</td><td>(db)</td><td>< 1</td></tr> <tr><td>CAPACITANCE</td><td>(pF)</td><td>< 50</td></tr> </table>		Network		RS232, RS485	Max. DC operating voltage	U _c	15 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	I _L	300 mA	Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA	Nominal discharge current C2 Category	I _n	5 kA	Line resistance (± 10%)		4.7 Ohm	DATA SPD TYPE		UL497B LISTED	VOLTS	(V)	12	WIRES		2W+Shield+G	LINE CURRENT MAX	(A)	0.3	AMBIENT MIN	(C)	-40	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	30	MCOV	(V)	15	IN 10 impulses 8/20µs	(kA)	5	IMAX 8/20µs	(kA)	20	I _{imp} 10/350µs	(kA)	5	DATA SPEED	(Mbps)	10/100	FREQUENCY	(MHz)	up to 10	INSERTION LOSS (@ FREQ)	(db)	< 1	CAPACITANCE	(pF)	< 50
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