



- ✔ 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 L: Inductor D: Clamping diode</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>RS422, RS485</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>U_c</td> <td>8 Vdc</td> </tr> <tr> <td>Max. load current @25°C</td> <td>I_L</td> <td>2.4 A</td> </tr> <tr> <td>Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</td> <td>U_p</td> <td>20 V</td> </tr> <tr> <td>Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</td> <td>U_p</td> <td>20 V</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, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category</td> <td>I_n L/PE</td> <td>5 kA</td> </tr> <tr> <td>DATA SPD TYPE</td> <td></td> <td>UL497B LISTED</td> </tr> <tr> <td>VOLTS</td> <td>(V)</td> <td>6</td> </tr> <tr> <td>WIRES</td> <td></td> <td>2W+SHIELD+G</td> </tr> <tr> <td>LINE CURRENT MAX</td> <td>(A)</td> <td>2.4</td> </tr> <tr> <td>AMBIENT MIN</td> <td>(C)</td> <td>-50</td> </tr> <tr> <td>AMBIENT MAX</td> <td>(C)</td> <td>+85</td> </tr> <tr> <td>RESIDUAL VOLTAGE</td> <td>(V)</td> <td>20</td> </tr> <tr> <td>MCOV</td> <td>(V)</td> <td>28</td> </tr> <tr> <td>I_N 10 impulses 8/20µs</td> <td>(kA)</td> <td>5</td> </tr> <tr> <td>I_{MAX} 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>INSERTION LOSS (@ FREQ)</td> <td>(db)</td> <td>< 1</td> </tr> </table>		Network		RS422, RS485	Max. DC operating voltage	U _c	8 Vdc	Max. load current @25°C	I _L	2.4 A	Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	U _p	20 V	Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	U _p	20 V	Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA	Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	I _n L/PE	5 kA	DATA SPD TYPE		UL497B LISTED	VOLTS	(V)	6	WIRES		2W+SHIELD+G	LINE CURRENT MAX	(A)	2.4	AMBIENT MIN	(C)	-50	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	20	MCOV	(V)	28	I _N 10 impulses 8/20µs	(kA)	5	I _{MAX} 8/20µs	(kA)	20	I _{imp} 10/350µs	(kA)	5	DATA SPEED	(Mbps)	10/100	INSERTION LOSS (@ FREQ)	(db)	< 1
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