



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I_{max} (1x 8/20 μ s)
- ↳ 5kA I_{mp} (2x 10/350 μ s)
- ↳ 5kA I_n (10x 8/20 μ s)
- ↳ 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. 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>2.4 A</td></tr> <tr><td>Protection Level <i>C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</i></td><td>U_p</td><td>20 V</td></tr> <tr><td>Protection level <i>C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</i></td><td>U_p</td><td>20 V</td></tr> <tr><td>Impulse current <i>2 x 10/350μs Test - D1 Category</i></td><td>I_{imp}</td><td>5 kA</td></tr> <tr><td>Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i></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 <i>10 impulses 8/20μs</i></td><td>(kA)</td><td>5</td></tr> <tr><td>I_{MAX} <i>8/20μs</i></td><td>(kA)</td><td>20</td></tr> <tr><td>I_{imp} <i>10/350μs</i></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. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. load current @25°C	I _L	2.4 A	Protection Level <i>C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</i>	U _p	20 V	Protection level <i>C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</i>	U _p	20 V	Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I _{imp}	5 kA	Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	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 <i>10 impulses 8/20μs</i>	(kA)	5	I _{MAX} <i>8/20μs</i>	(kA)	20	I _{imp} <i>10/350μs</i>	(kA)	5	DATA SPEED	(Mbps)	10/100	INSERTION LOSS (@ FREQ)	(db)	< 1
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