



CITEL

B280-06D3



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I<sub>max</sub>
- ↳ 5kA I<sub>mp</sub>
- ↳ 5kA I<sub>n</sub>



	<b>Electrical Characteristics</b>																																																										
<p>G: 3-electrode gas tube R: Resistor D3: 3-pole 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<sub>c</sub></td><td>8 Vdc</td></tr> <tr><td>Max. frequency</td><td>f max.</td><td>&gt; 3 MHz</td></tr> <tr><td>Insertion loss</td><td></td><td>&lt; 1 dB</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Common/Differential mode</td></tr> <tr><td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td><td>U<sub>p</sub></td><td>20 V</td></tr> <tr><td>Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td><td>U<sub>p</sub></td><td>20 V</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>4W+GROUND</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>-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>8/72/72</td></tr> <tr><td>I<sub>N</sub> 10 impulses 8/20μs</td><td>(kA)</td><td>5</td></tr> <tr><td>I<sub>MAX</sub> 8/20μs</td><td>(kA)</td><td>20</td></tr> <tr><td>I<sub>imp</sub> 10/350μs</td><td>(kA)</td><td>5</td></tr> <tr><td>DATA SPEED</td><td>(Mbps)</td><td>up to 10MHz</td></tr> </table>		Network		RS422, RS485	Max. DC operating voltage	U <sub>c</sub>	8 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Protection mode(s)		Common/Differential mode	Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	U <sub>p</sub>	20 V	Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	U <sub>p</sub>	20 V	DATA SPD TYPE		UL497B LISTED	VOLTS	(V)	6	WIRES		4W+GROUND	LINE CURRENT MAX	(A)	0.3	AMBIENT MIN	(C)	-50	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	20	MCOV	(V)	8/72/72	I <sub>N</sub> 10 impulses 8/20μs	(kA)	5	I <sub>MAX</sub> 8/20μs	(kA)	20	I <sub>imp</sub> 10/350μs	(kA)	5	DATA SPEED	(Mbps)	up to 10MHz
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