



CITEL

B480-48D3



- ↳ Hybrid SAD-GDT Technology
- ↳ UL497B LISTED
- ↳ 20kA I_{max}
- ↳ 5kA I_{mp}
- ↳ 5kA I_n



	Electrical Characteristics																																																										
<p>G: 3-electrode gas tube R: Resistor D3: 3-pole clamping diode</p>	<table border="1"> <tr> <td>Network</td> <td></td> <td>RNIS-T0, 48 V line</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>U_c</td> <td>53 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>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_p</td> <td>70 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>DATA SPD TYPE</td> <td></td> <td>UL497B LISTED</td> </tr> <tr> <td>VOLTS</td> <td>(V)</td> <td>48</td> </tr> <tr> <td>WIRES</td> <td></td> <td>8W+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>60/72/72</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>up to 10MHz</td> </tr> </table>		Network		RNIS-T0, 48 V line	Max. DC operating voltage	U _c	53 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 _p	70 V	Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	U _p	20 V	DATA SPD TYPE		UL497B LISTED	VOLTS	(V)	48	WIRES		8W+GROUND	LINE CURRENT MAX	(A)	0.3	AMBIENT MIN	(C)	-50	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	20	MCOV	(V)	60/72/72	I _N 10 impulses 8/20µs	(kA)	5	I _{MAX} 8/20µs	(kA)	20	I _{imp} 10/350µs	(kA)	5	DATA SPEED	(Mbps)	up to 10MHz
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