



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I_{max} (1x-8/20us)
- 5kA I_{imp} (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>DATA SPD TYPE</td> <td></td> <td>UL Listed for Hazardous Locations</td> </tr> <tr> <td>VOLTS</td> <td>(V)</td> <td>48</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>70</td> </tr> <tr> <td>MCOV</td> <td>(V)</td> <td>60</td> </tr> <tr> <td>IN</td> <td>(kA)</td> <td>5</td> </tr> <tr> <td>10 impulses 8/20μs</td> <td></td> <td></td> </tr> <tr> <td>IMAX</td> <td>(kA)</td> <td>20</td> </tr> <tr> <td>8/20μs</td> <td></td> <td></td> </tr> <tr> <td>I_{imp}</td> <td>(kA)</td> <td>5</td> </tr> <tr> <td>10/350μs</td> <td></td> <td></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>		DATA SPD TYPE		UL Listed for Hazardous Locations	VOLTS	(V)	48	WIRES		2W+Shield+G	LINE CURRENT MAX	(A)	0.3	AMBIENT MIN	(C)	-40	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	70	MCOV	(V)	60	IN	(kA)	5	10 impulses 8/20μs			IMAX	(kA)	20	8/20μs			I _{imp}	(kA)	5	10/350μs			DATA SPEED	(Mbps)	10/100	FREQUENCY	(MHz)	up to 10	INSERTION LOSS (@ FREQ)	(db)	< 1	CAPACITANCE	(pF)	< 50
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	Mechanical Characteristics																																																							
	TECHNOLOGY	SAD-GDT																																																						
	NETWORK CONFIGURATION	1 Channel (2W+SHIELD+G)																																																						
	CONNECTION METHOD	Screw terminal																																																						
	MOUNTING	Din rail																																																						
	MATERIAL	Thermoplastic UL94-V0																																																						
	NEMA RATING (IP RATING)	NEMA 2 (IP20)																																																						
	DIMENSIONS	See diagram																																																						
	WEIGHT	0.30 lbs																																																						
	SPARE PART	DLAM-48D3																																																						
	Standards																																																							
	Certification	UL Listed																																																						
	UL STANDARD	UL497B & UL121201 Hazardous Location																																																						
	UL CATEGORY	QVGQ & QVSI																																																						
	UL FILE NUMBER	E184939 & E527349																																																						
	UL121201 HAZARDOUS LOCATION	Class I, Division 2, Groups A, B, C & D: Operating. Temp. T5																																																						
	STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993																																																						
	ENVIRONMENTAL STANDARDS	ROHS																																																						
	Part number																																																							
	897013																																																							

