

## DLAH-24D3



- Hybrid SAD-GDT Technology
- UL497B LISTED
- 20kA I<sub>max</sub> (1x 8/20us)
- 5kA I<sub>mp</sub> (2x 10/350us)
- 5kA I<sub>n</sub> (10x 8/20us)
- Modular
- 2W+SHIELD+G

	<b>Electrical Characteristics</b>																																											
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube L: Inductor D: Clamping diode</p>	<table border="1"> <tbody> <tr> <td>Max. Load current</td> <td>IL</td> <td>2,4 A</td> </tr> <tr> <td>DATA SPD TYPE</td> <td></td> <td>UL497B LISTED</td> </tr> <tr> <td>VOLTS</td> <td>(V)</td> <td>24</td> </tr> <tr> <td>WIRES</td> <td></td> <td>2W+SHIELD+GROUND</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>40</td> </tr> <tr> <td>MCOV</td> <td>(V)</td> <td>28/72/72</td> </tr> <tr> <td>IMAX8/20µs</td> <td>(kA)</td> <td>20</td> </tr> <tr> <td>Iimp10/350µs</td> <td>(kA)</td> <td>5</td> </tr> <tr> <td>DATA SPEED</td> <td>(bps)</td> <td>10/100</td> </tr> <tr> <td>FREQUENCY</td> <td>(MHz)</td> <td>&gt;3</td> </tr> <tr> <td>INSERTION LOSS (@ FREQ)</td> <td>(db)</td> <td>&lt; 1</td> </tr> </tbody> </table>		Max. Load current	IL	2,4 A	DATA SPD TYPE		UL497B LISTED	VOLTS	(V)	24	WIRES		2W+SHIELD+GROUND	LINE CURRENT MAX	(A)	2.4	AMBIENT MIN	(C)	-50	AMBIENT MAX	(C)	+85	RESIDUAL VOLTAGE	(V)	40	MCOV	(V)	28/72/72	IMAX8/20µs	(kA)	20	Iimp10/350µs	(kA)	5	DATA SPEED	(bps)	10/100	FREQUENCY	(MHz)	>3	INSERTION LOSS (@ FREQ)	(db)	< 1
Max. Load current	IL	2,4 A																																										
DATA SPD TYPE		UL497B LISTED																																										
VOLTS	(V)	24																																										
WIRES		2W+SHIELD+GROUND																																										
LINE CURRENT MAX	(A)	2.4																																										
AMBIENT MIN	(C)	-50																																										
AMBIENT MAX	(C)	+85																																										
RESIDUAL VOLTAGE	(V)	40																																										
MCOV	(V)	28/72/72																																										
IMAX8/20µs	(kA)	20																																										
Iimp10/350µs	(kA)	5																																										
DATA SPEED	(bps)	10/100																																										
FREQUENCY	(MHz)	>3																																										
INSERTION LOSS (@ FREQ)	(db)	< 1																																										
<b>Mechanical Characteristics</b>																																												
<table border="1"> <tbody> <tr> <td>TECHNOLOGY</td> <td>SAD-GDT</td> </tr> <tr> <td>NETWORK CONFIGURATION</td> <td>1 Channel (2W+SHIELD+G)</td> </tr> <tr> <td>CONNECTION METHOD</td> <td>Screw Terminal (16-22AWG)</td> </tr> <tr> <td>MOUNTING</td> <td>DIN RAIL</td> </tr> <tr> <td>MATERIAL</td> <td>Thermoplastic UL94-V0</td> </tr> <tr> <td>NEMA RATING (IP RATING)</td> <td>NEMA 2 (IP20)</td> </tr> <tr> <td>DIMENSIONS</td> <td>See diagram (mm)</td> </tr> <tr> <td>WEIGHT</td> <td>0.30 lbs</td> </tr> <tr> <td>SPARE PART</td> <td>DLAM-24D3</td> </tr> </tbody> </table>	TECHNOLOGY	SAD-GDT	NETWORK CONFIGURATION	1 Channel (2W+SHIELD+G)	CONNECTION METHOD	Screw Terminal (16-22AWG)	MOUNTING	DIN RAIL	MATERIAL	Thermoplastic UL94-V0	NEMA RATING (IP RATING)	NEMA 2 (IP20)	DIMENSIONS	See diagram (mm)	WEIGHT	0.30 lbs	SPARE PART	DLAM-24D3																										
TECHNOLOGY	SAD-GDT																																											
NETWORK CONFIGURATION	1 Channel (2W+SHIELD+G)																																											
CONNECTION METHOD	Screw Terminal (16-22AWG)																																											
MOUNTING	DIN RAIL																																											
MATERIAL	Thermoplastic UL94-V0																																											
NEMA RATING (IP RATING)	NEMA 2 (IP20)																																											
DIMENSIONS	See diagram (mm)																																											
WEIGHT	0.30 lbs																																											
SPARE PART	DLAM-24D3																																											
<b>Standards</b>																																												
<table border="1"> <tbody> <tr> <td>UL STANDARD</td> <td>UL497B</td> </tr> <tr> <td>UL CATEGORY</td> <td>QVGQ</td> </tr> <tr> <td>UL FILE NUMBER</td> <td>E184939</td> </tr> <tr> <td>STANDARDS</td> <td>IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993</td> </tr> <tr> <td>ENVIRONMENTAL STANDARDS</td> <td>ROHS</td> </tr> </tbody> </table>	UL STANDARD	UL497B	UL CATEGORY	QVGQ	UL FILE NUMBER	E184939	STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993	ENVIRONMENTAL STANDARDS	ROHS																																		
UL STANDARD	UL497B																																											
UL CATEGORY	QVGQ																																											
UL FILE NUMBER	E184939																																											
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993																																											
ENVIRONMENTAL STANDARDS	ROHS																																											
<b>Part number</b>																																												
641003																																												