

DLA2-24D2



- ✔ Din rail plug-in surge protector
- ✔ 2-pair
- ✔ Un: 24 V
- ✔ Shield wire protection
- ✔ Without line cut-off
- ✔ IEC 61643-21 compliance



	Electrical Characteristics																																								
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	<table border="1"> <tbody> <tr> <td>Network</td> <td></td> <td>4-20mA</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>24 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>32 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>> 50 MHz</td> </tr> <tr> <td>Insertion loss</td> <td></td> <td>< 1 dB</td> </tr> <tr> <td>Max. load current @25°C</td> <td>IL</td> <td>600 mA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>I_{max}</td> <td>20 kA</td> </tr> <tr> <td>Line inductance (± 10 %)</td> <td></td> <td>non</td> </tr> <tr> <td>Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)</td> <td>Up</td> <td>60 V</td> </tr> <tr> <td>Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</td> <td>Up</td> <td>650 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>I_{imp}</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>I_n</td> <td>10 kA</td> </tr> <tr> <td>Line resistance (± 10%)</td> <td></td> <td>2 Ohm</td> </tr> </tbody> </table>		Network		4-20mA	Nominal line voltage	Un	24 V	Max. DC operating voltage	Uc	32 Vdc	Max. frequency	f max.	> 50 MHz	Insertion loss		< 1 dB	Max. load current @25°C	IL	600 mA	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA	Line inductance (± 10 %)		non	Protection Level C3 (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up	60 V	Protection level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up	650 V	Impulse current 2 x 10/350μs Test - D1 Category	I _{imp}	5 kA	Nominal discharge current C2 Category	I _n	10 kA	Line resistance (± 10%)		2 Ohm
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	Mechanical Characteristics																																								
	Technology	GDT+TVS diode																																							
	SPD configuration	2 pairs																																							
	Connection to Network	By screw terminal: cross section 0.5-2.5mm ²																																							
	Format	Plug-in DIN box																																							
	Mounting	Symmetrical rail 35 mm (EN 60715)																																							
	Housing material	Thermoplastic UL94 V-0																																							
	Operating and storage temperature	-40/+85°C																																							
	Protection rating	IP20																																							
	Failsafe mode	Short-circuit																																							
	Disconnection indicator	Transmission interrupt - default mode 2																																							
	Spare module(s)	DLA2M-24D2																																							
	Dimensions	See diagram																																							
	Weight	0.089 kg																																							
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