



2-pair DIN rail plug-in Data surge protector

CITEL

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"> <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>Imax</td> <td>20 kA</td> </tr> <tr> <td>Line inductance</td> <td></td> <td>No</td> </tr> <tr> <td>Protection level Following the test category C3 (IEC61643-21) - Line/Line</td> <td>Up</td> <td>60 V</td> </tr> <tr> <td>Protection level Following the test category C3 (IEC61643-21) - Line/PE</td> <td>Up</td> <td>650 V</td> </tr> <tr> <td>Impulse current 2 x 10/350μs Test - D1 Category</td> <td>Iimp</td> <td>5 kA</td> </tr> <tr> <td>Nominal discharge current C2 Category</td> <td>In</td> <td>10 kA</td> </tr> </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	Imax	20 kA	Line inductance		No	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	60 V	Protection level Following the test category C3 (IEC61643-21) - Line/PE	Up	650 V	Impulse current 2 x 10/350μs Test - D1 Category	Iimp	5 kA	Nominal discharge current C2 Category	In	10 kA
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	Mechanical Characteristics																																					
	Technology	GDT+Clamping 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																																				
	Standards																																					
	Standards compliance	IEC 61643-21 / EN 61643-21																																				
	Part number																																					
	6403631																																					

