



CITEL

1-pair DIN rail plug-in Data surge protector

DLA-12D3



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



	Electrical Characteristics	
	Network	RS232, RS485
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	Nominal line voltage	Un 12 V
	Max. DC operating voltage	Uc 15 Vdc
	Max. frequency	f max. > 3 MHz
	Insertion loss	< 1 dB
	Max. load current @25°C	IL 300 mA
	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 20 kA
	Line inductance	No
	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up 30 V
	Protection level Following the test category C3 (IEC61643-21) - Line/PE	Up 20 V
	Impulse current 2 x 10/350 μs Test - D1 Category	I _{imp} 5 kA
	Nominal discharge current C2 Category	I _n 5 kA
	Line resistance	< 4.7 Ohm
Mechanical Characteristics		
Technology	GDT+Clamping diode	
SPD configuration	1-pair+shielded	
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 temperature	T _u -40/+85°C	
Protection rating	IP20	
Failsafe mode	Short-circuit	
Disconnection indicator	Transmission interrupt - default mode 2	
Spare module(s)	DLAM-12D3	
Dimensions	See diagram	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B	
Certification	UL Listed	
Part number		
6402011		

