



# 1-pair DIN rail plug-in Data surge protector

# CITEL

## DLA-12D3



- Din rail plug-in surge protector
- 1-pair
- Un: 12 V
- Shield wire protection
- Plug-out without line cut-off
- IEC 61643-21 compliance
- UL497B



	<b>Electrical Characteristics</b>	
	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 <sub>max</sub> 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 <sub>imp</sub> 5 kA
	Nominal discharge current C2 Category	I <sub>n</sub> 5 kA
	Line resistance	< 4.7 Ohm
<b>Mechanical Characteristics</b>		
Technology	GDT+Clamping diode	
SPD configuration	1-pair+shielded	
Connection to Network	By screw terminal: cross section 0.5-2.5mm <sup>2</sup>	
Format	Plug-in DIN box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	T <sub>u</sub> -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	
<b>Standards</b>		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B	
Certification	UL Listed	
<b>Part number</b>		
6402011		

