



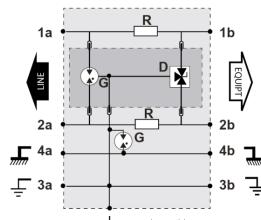
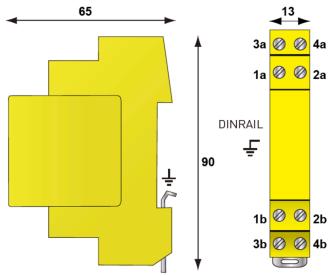
# CITEL

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

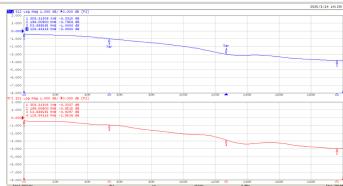
### DLA-24D3



- 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
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



G: 3-electrode gas tube  
Gb: 2-electrode gas tube  
R: Resistor  
D: Clamping diode



Electrical Characteristics		
Network		4-20mA
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	28 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub>	20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	40 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	40 V
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub>	5 kA
Nominal discharge current C2 Category	I <sub>n</sub>	5 kA
Line resistance ( $\pm 10\%$ )		4.7 Ohm
Mechanical Characteristics		
Technology		GDT+TVS 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-24D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Part number		6403011

