



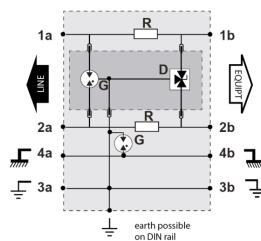
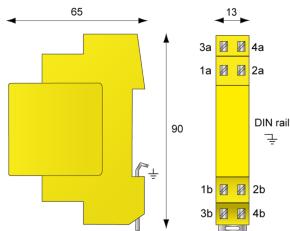
CITEL

1-pair DIN rail plug-in Data surge protector

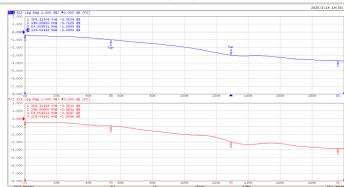
DLA-12D3/R



- 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



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



Electrical Characteristics	
Network	RS232, RS485
Nominal line voltage	Un 12 V
Max. DC operating voltage	Uc 15 Vdc
Cut-off frequency -3dB, 100 ohm system	f max. > 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max. > 50 MHz
Max. load current @25°C	IL 300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max} 20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 30 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 30 V
Max. capacitance	C < 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp} 5 kA
Nominal discharge current C2 Category	I _n 5 kA
Line resistance (± 10%)	4.7 Ohm
Mechanical Characteristics	
Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	Spring terminal: cross section 0.5-2.5mm ²
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)	DLAM-12D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Part number	
6402014	

