



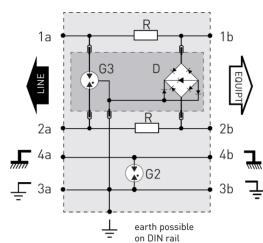
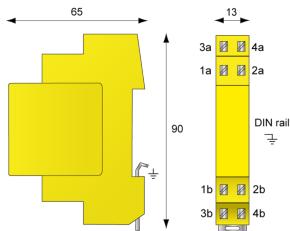
CITEL

1-pair DIN rail plug-in Data surge protector

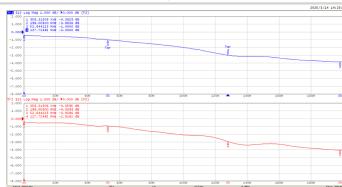
DLA-48D3/R



- 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
- 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	ISDN, 48 V line	
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 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	70 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	70 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 ($\pm 10\%$)		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-48D3	
Dimensions	See diagram	

Standards

Standards compliance	IEC 61643-21 / EN 61643-21
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Part number

6403024

