



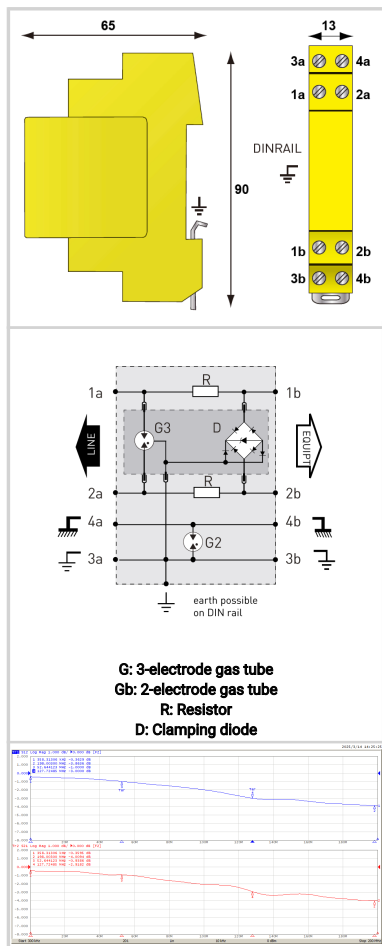
CITEL



1-pair DIN rail plug-in Data surge protector

DLA-48D3

- ▶ 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



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
Nominal discharge current C2 Category	I _n	5 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	70 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	70 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	I _{imp}	5 kA
Line resistance (± 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 ²
Format		Din Rail Base-Plug-in Module
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-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 / UL497B
UL File Number		E184939
Certification		UL Listed
Environmental standards		EU RoHS

Part number

6403021

