



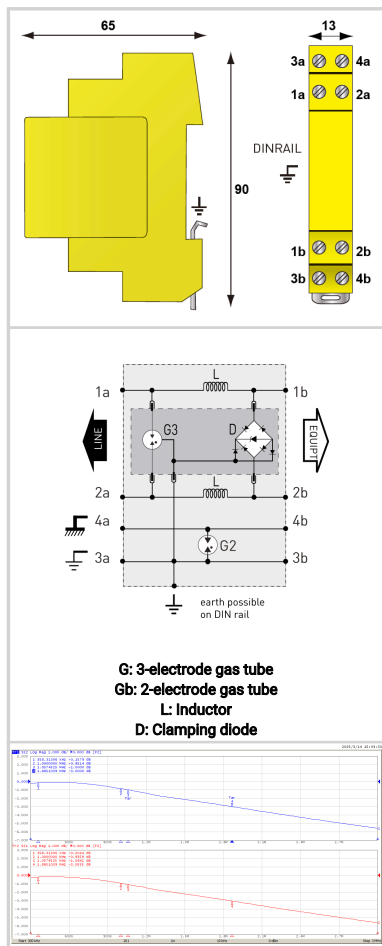
CITEL



1-pair DIN rail plug-in Data surge protector

DLAH-48D3

- ▶ Pluggable surge protection for «DIN» mounting
- ▶ Coordination inductor
- ▶ Up to 2.4 A line current
- ▶ Remote supply version
- ▶ All types of Telephone and Data lines
- ▶ Shield wire protection
- ▶ 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.	> 1.8 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 1 MHz
Max. load current @25°C	IL	2.4 A
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	20 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	In L/PE	5 kA
Line inductance (± 10 %)		10 μH
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/Line Nominal discharge current C2 Category	In L/L	5 kA

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		By screw terminal: cross section 0.4-1.5mm ²
Format		Plug-in DIN box
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)		DLAHM-48D3
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS

Part number

641004

