



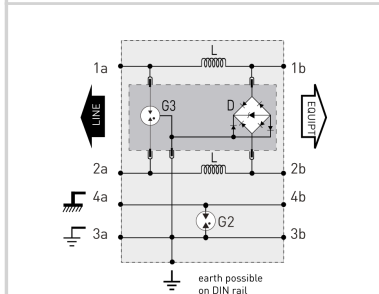
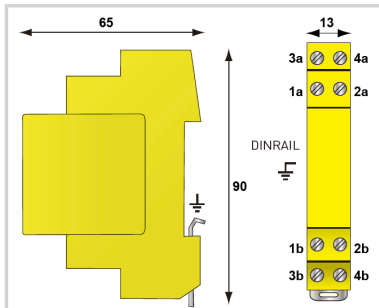
CITEL

1-pair DIN rail plug-in Data surge protector

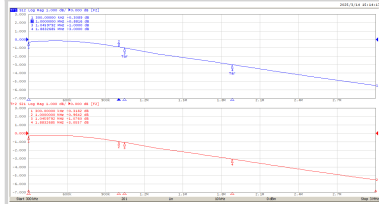
DLAH-06D3



- ▶ 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



G: 3-electrode gas tube
Gb: 2-electrode gas tube
L: Inductor
D: Clamping diode



Electrical Characteristics	
Network	RS422, RS485
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 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	Imax 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 20 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up 20 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	limp 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-06D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Certification	UL Listed
Environmental standards	EU RoHS
Part number	
641001	

