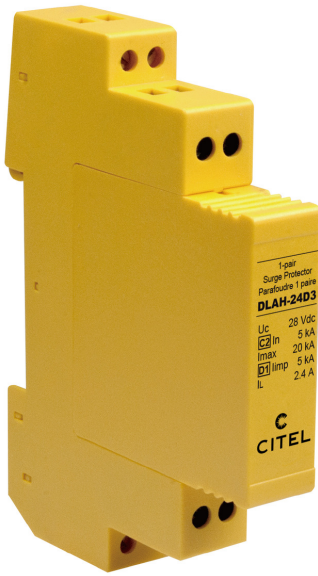




# CITEL

## 1-pair DIN rail plug-in Data surge protector

### DLAH-24D3



- 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**  
**G2: 2-electrode gas tube**  
**L: Inductor**  
**D: Clamping diode**

Electrical Characteristics	
Network	4-20 mA, 24 V analogic
Nominal line voltage	Un 24 V
Max. DC operating voltage	Uc 28 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 40 V
Protection Level C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up 40 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 <sup>2</sup>
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-24D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Certification	UL Listed
Part number	
<b>641003</b>	

