



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

# CITEL

## 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



	<b>Electrical Characteristics</b>	
	Network	RNIS-T0, 48 V line
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube L: Inductor D: Clamping diode</p>	Nominal line voltage	Un 48 V
	Max. DC operating voltage	Uc 53 Vdc
	Max. frequency	f max. > 3 MHz
	Insertion loss	< 1 dB
	Max. load current @25°C	IL 2.4 A
	Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub> 20 kA
	Line inductance	10uH
	Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up 70 V
	Impulse current 2 x 10/350μs Test - D1 Category	I <sub>imp</sub> 5 kA
	Line/Line Nominal discharge current C2 Category	I <sub>n L/L</sub> 5 kA
	Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I <sub>n L/PE</sub> 5 kA
	Line resistance	0 Ohm
<b>Mechanical Characteristics</b>		
Technology	GDT+Clamping 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	T <sub>u</sub> -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	
<b>Standards</b>		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A	
<b>Part number</b>		
641004		

