



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



		Electrical Characteristics	
		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 _{max}	20 kA
	Line inductance		10uH
	Protection level @ I _n (8/20 μs)	Up L/L	70 V
	Impulse current 2 x 10/350μs Test - D1 Category	I _{imp}	5 kA
	Line/Line Nominal discharge current C2 Category	I _n L/L	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category	I _n L/PE	5 kA	
Line resistance		0 Ohm	
Mechanical Characteristics			
Technology		GDT+Clamping 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 / UL497A	
Part number			
641004			

