



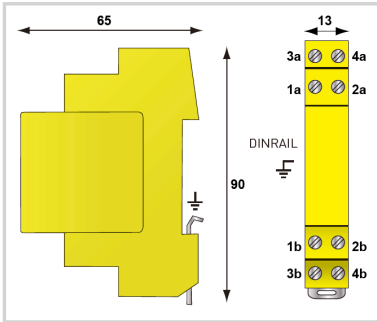
CITEL

1-pair DIN rail plug-in Data surge protector

DLAH-48DBC



- Discover our latest innovation : the [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		Fipway, WorldFIP, FieldBus-h2
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 Vdc
Max. frequency	f max.	20 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	2.4 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20 μs Test x 10 - C2 Category</i>	In L/PE	5 kA
Line inductance (± 10 %)		10 μH
Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	75 V
Protection Level <i>C3 (10/1000 μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	75 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	limp	5 kA
Impulse current <i>D1 (10/350 μs), 2 applications, X-C (Line/Earth)</i>	limp	5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	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-48DBC
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS
Part number		
641014		

