



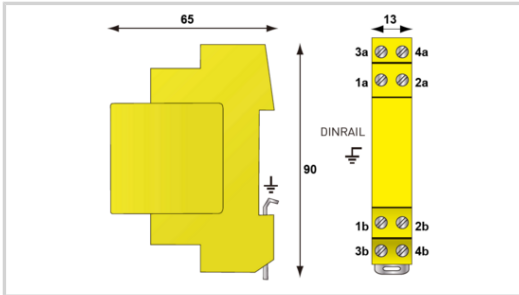
CITEL

1-pair DIN rail plug-in Data surge protector

DLAH-48DBC



- ▶ 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
Line inductance	10uH
Protection level <i>@ In (8/20 µs)</i>	Up L/L 75 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp 5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	In L/L 5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In 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-48DBC
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A
Part number	
641014	

