



1-pair DIN rail plug-in Data surge protector

CITEL

DLA-48DBC



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- 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 300 mA
	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 20 kA
	Line inductance	No
	Protection level @ I _n (8/20 μs)	Up L/L 75 V
	Impulse current 2 x 10/350 μs Test - D1 Category	I _{imp} 5 kA
	Nominal discharge current C2 Category	I _n 5 kA
	Line resistance	< 4.7 Ohm
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	Mechanical Characteristics	
	Technology	GDT+Clamping diode
	SPD configuration	1-pair+shielded
	Connection to Network	By screw terminal: cross section 0.5-2.5mm 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)	DLAM-48dBC
	Dimensions	See diagram
Standards		
	Standards compliance	IEC 61643-21 / EN 61643-21
Part number		
640421		

