



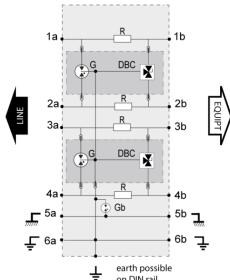
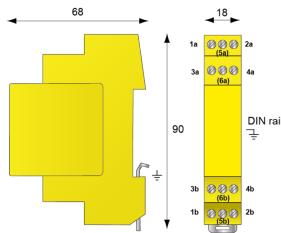
CITEL

2-pair DIN rail plug-in Data surge protector

DLA2-24DBC



- Din rail plug-in surge protector
- 2-pair
- Un: 48 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance



Electrical Characteristics

Network	Fipway, WorldFIP, FieldBus-h2	
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	28 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 (± 10 %)		non
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	75 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	75 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	5 kA
Line resistance (± 10 %)		4.7 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode	
SPD configuration	2-pairs+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 and storage temperature	-40/+85°C	
Protection rating	IP20	
Failsafe mode	Short-circuit	
Disconnection indicator	Transmission interrupt - default mode 2	
Spare module(s)	DLA2M-48DBC	
Dimensions	See diagram	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21	
Part number	640331	

