



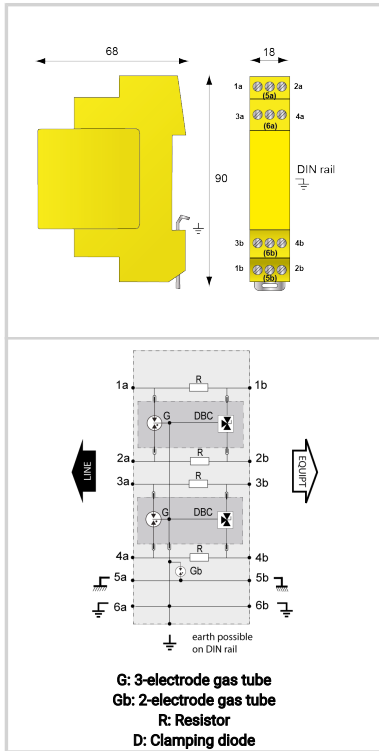
CITEL

2-pair DIN rail plug-in Data surge protector

DLA2-24DBC



- Discover our latest innovation : the [DLA2-24D3](#)
- 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	Imax	20 kA
Nominal discharge current C2 Category	In	5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	75 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up	650 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350μs Test - D1 Category	limp	5 kA
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	limp	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
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Part number

640331

