



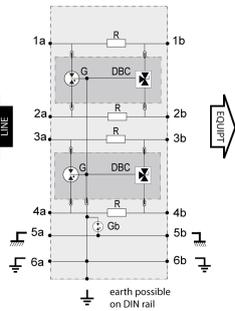
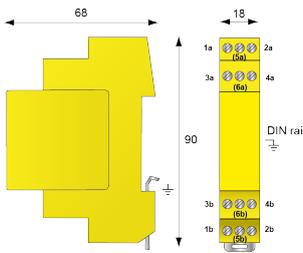
CITEL

2-pair DIN rail plug-in Data surge protector

DLA2-48DBC



- Discover our latest innovation : the [DLA2-48D3](#)
- Din rail plug-in surge protector
- 2-pair
- Un: 48 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance



G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Clamping diode

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
Nominal discharge current C2 Category	I _n	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, X-C (Line/Earth)	Up	650 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350μs Test - D1 Category	I _{imp}	5 kA
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I _{imp}	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		
640314		

