



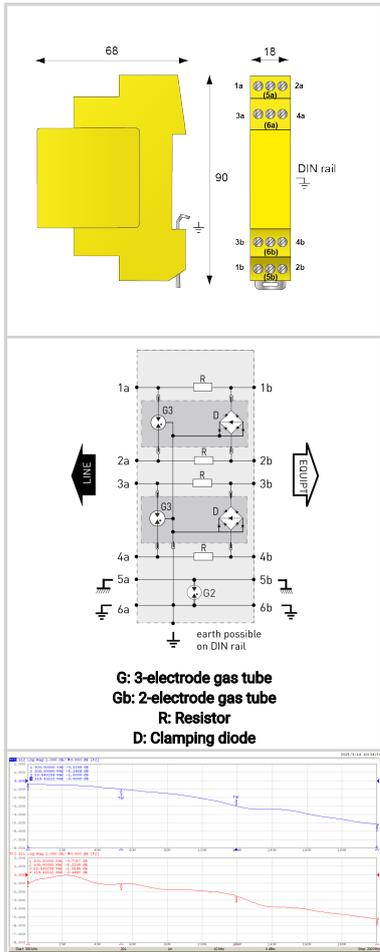
# CITEL

## 2-pair DIN rail plug-in Data surge protector

### DLA2-48D3



- Din rail plug-in surge protector
- 2-pair
- Un: 48 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance
- UL497B



#### Electrical Characteristics

Network		ISDN, 48 V line
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 50 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	20 kA
Nominal discharge current C2 Category	I <sub>n</sub>	5 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	70 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up	650 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth)	I <sub>imp</sub>	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 <sup>2</sup>
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-48D3
Dimensions		See diagram
Weight		0.089 kg

#### Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS

#### Part number

640312

