



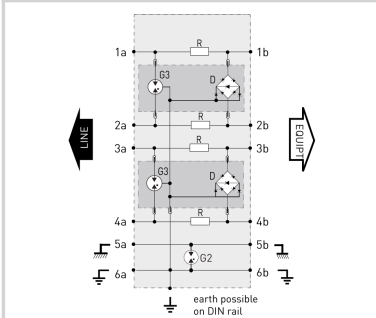
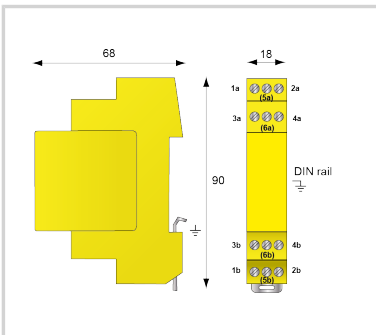
# CITEL

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

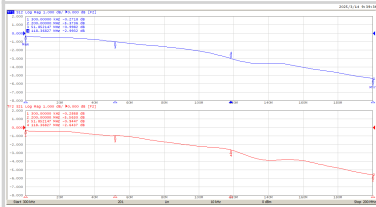
### DLA2-24D3



- ›Din rail plug-in surge protector
- ›2-pair
- ›Un: 24 V
- ›Shield wire protection
- ›Without line cut-off
- ›IEC 61643-21 compliance
- ›UL497B



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



#### Electrical Characteristics

Network		4-20mA, Liaison 24V
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	28 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	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	40 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)	Iimp	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-24D3
Dimensions		See diagram

#### Standards

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

#### Part number

**640311**

