



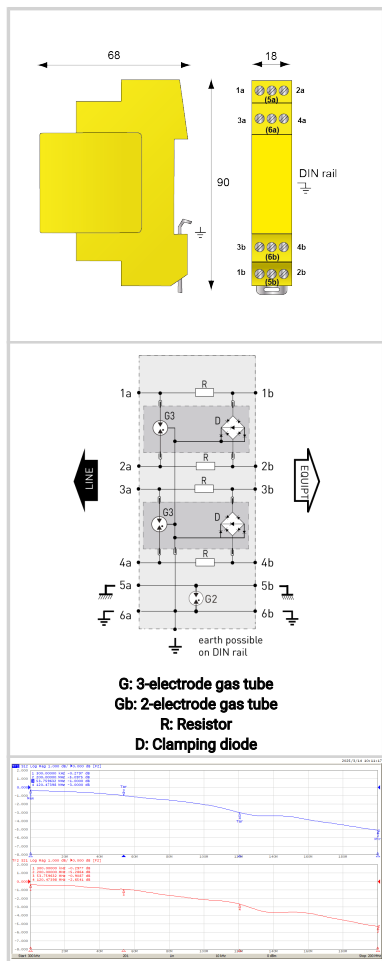
CITEL



2-pair DIN rail plug-in Data surge protector

DLA2-12D3

- Din rail plug-in surge protector
- 2-pair
- Un: 12 V
- Shield wire protection
- Plug-out without line cut-off
- IEC 61643-21 compliance
- UL497B



Electrical Characteristics

Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 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	30 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)	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 0.5-2.5mm²
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-12D3
Dimensions	See diagram

Standards

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

Part number

640211

