



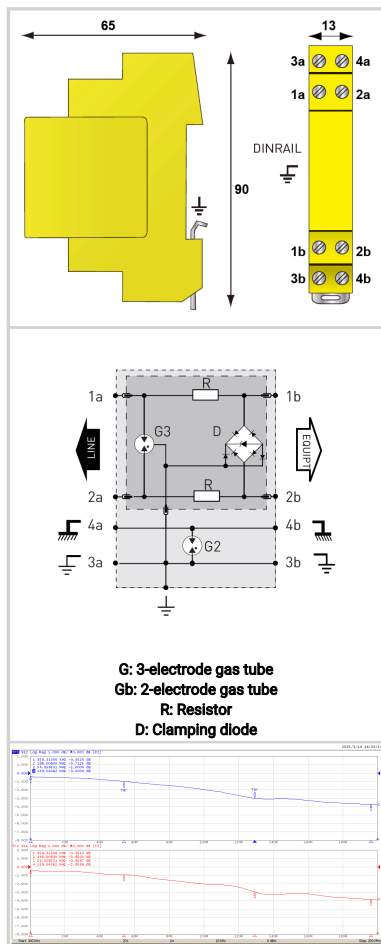
CITEL



1-pair DIN rail plug-in Data surge protector

DLAW-12D3

- › Din rail plug-in surge protector
- › 1-pair
- › Un: 6 V
- › Shield wire protection
- › Plug-out with 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, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	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	20 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	Iimp	5 kA
Line/Line Nominal discharge current C2 Category	In L/L	5 kA
Line resistance		< 4.7 Ohm
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Disconnection		Specific version with line cut-off in case of removal plug-in module
Technology		GDT+TVS diode
SPD configuration		1-pair+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 temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
With line cut-off in case of removal plug-in module		Yes
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-12D3
Dimensions		See diagram

Standards

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

Part number

640802

