



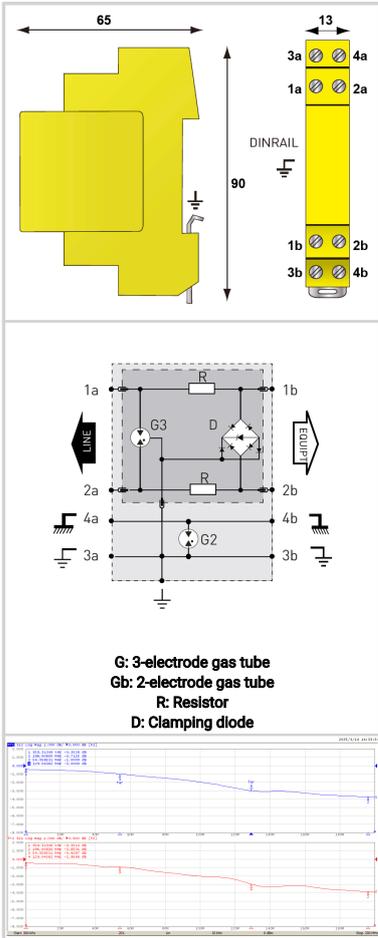
CITEL

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	I _{max} 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)	I _{imp} 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 0.5-2.5mm ²
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
Part number	
640802	

