



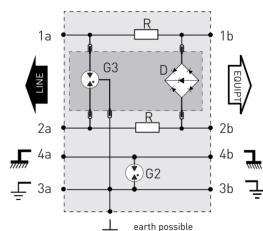
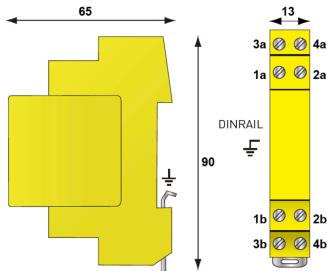
CITEL

1-pair DIN rail plug-in Telecomsurge protector

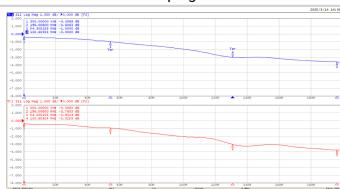
DLA-170



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



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



Electrical Characteristics

Network	RTC, ADSL2, VDSL2
Nominal line voltage	Un 150 V
Max. DC operating voltage	Uc 170 Vdc
Cut-off frequency -3dB, 100 ohm system	f max. > 115 MHz
Cut-off frequency -1dB, 100 ohm system	f max. > 50 MHz
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max} 20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 220 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 20 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp} 5 kA
Nominal discharge current C2 Category	I _n 5 kA
Max. Load current	I _L 300 mA
Line resistance ($\pm 10\%$)	4.7 Ohm

Mechanical Characteristics

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	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Spare module(s)	DLAM-170
Dimensions	See diagram

Standards

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B
Certification	UL Listed

Part number

6406011

