



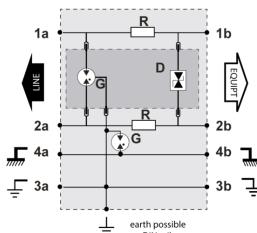
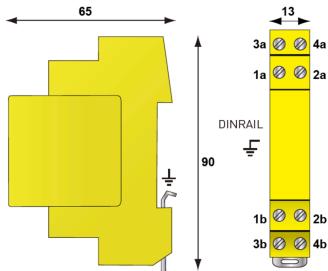
# CITEL

## 1-pair DIN rail plug-in Telecomsurge protector

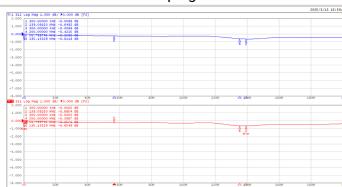
### DLA-170G



- 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. > 200 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 2.4 A
Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub> 20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up < 750 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up < 750 V
Max. capacitance	C < 5 pF
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 5 kA
Nominal discharge current C2 Category	I <sub>n</sub> 5 kA
Line resistance	< 0.05 Ohm
Mechanical Characteristics	
Technology	GDT+TVS diode
SPD configuration	1-pair+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)	DLAM-170G
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Part number	640165

