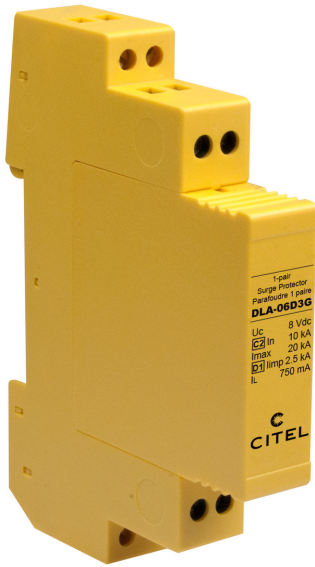




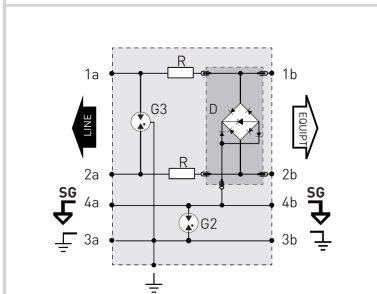
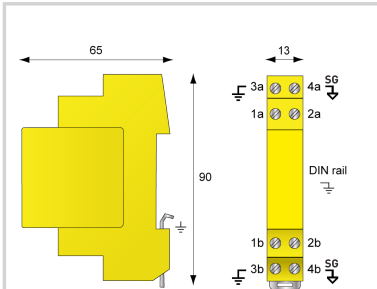
# CITEL

## 1-pair monobloc Telecom surge protector

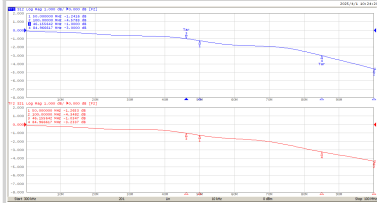
### DLA-06D3G



- High speed 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 SG: Signal ground



Electrical Characteristics	
Network	CAN, Profibus DP, RS485
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 Vdc
Cut-off frequency -3dB, 100 ohm system	f max. > 80 MHz
Cut-off frequency -1dB, 100 ohm system	f max. > 45 MHz
Max. load current @25°C	IL 750 mA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 20 kA
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line), X-SG (Line/Signal Ground)	In 10 kA
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-C (Line/Earth), SG-C (Signal Ground/Earth)	In 10 kA
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line-Line), Y-SG (Line-Signal Ground)	Up 30 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line-Earth), SG-C (Signal Ground-Earth)	Up 650 V
Impulse current D1 (10/350μs), 2 applications, X-C (Line/Earth), X-SG (Line/Signal Ground) and SG-C	Iimp 2.5 kA
Line/Line Nominal discharge current C2 Category	In L/L 10 kA
Line resistance (± 10%)	1.5 Ohm
Mechanical Characteristics	
Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	By spring terminal - max. cross section 2.5mm <sup>2</sup> / AWG 13 (solid or stranded)
Format	Din Rail Base-Plug-in Module
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Ingress Protection rating	IP20 (NEMA 2)
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Environmental standards	EU RoHS
Part number	
640191	

