



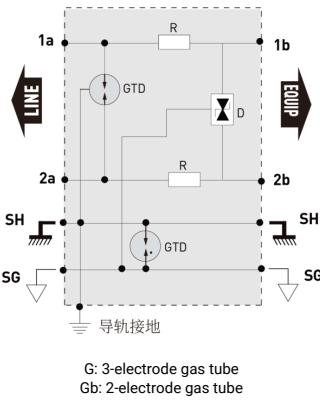
CITEL

1-pair monobloc Telecom surge protector

DLA-24D3G



- 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



Electrical Characteristics

Network	4-20 mA, 24 V analogic	
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	36 Vdc
Max. frequency	f max.	> 50 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	750 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Line inductance ($\pm 10\%$)		non
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	60 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	650 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	2.5 kA
Line/Line Nominal discharge current C2 Category	I _{n L/L}	10 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	I _{n L/PE}	10 kA
Line resistance ($\pm 10\%$)		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 ² / AWG 13 (solid or stranded)	
Format	DIN box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	T _u	-40/+85°C
Ingress Protection rating		IP20 (NEMA 2)
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Dimensions	See diagram	
Weight	0.092 kg	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21	
Part number	640193	

