



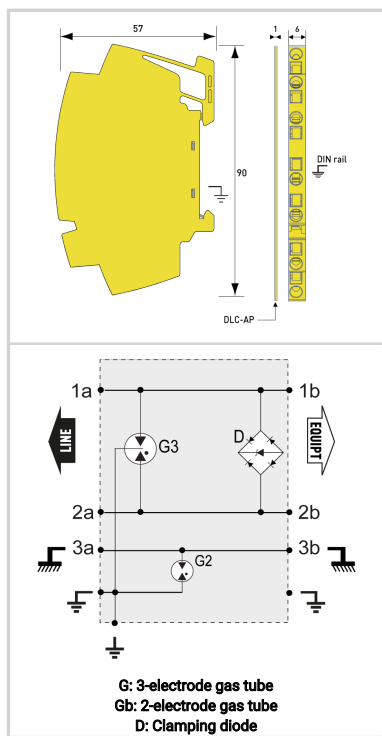
CITEL

1-pair monobloc Telecom surge protector

DLC-24D2/NR



- 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
- High Line current: 10 A



Electrical Characteristics

Network		4-20mA, 24V
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	30 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 110 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 60 MHz
Max. load current @25°C	IL	10 A
Nominal discharge current C2 (1.2/50µs / 8/20µs), 10 applications X-C (Line/Earth)	In	10 kV / 5 kA
Max. discharge current max. withstand @ 8/20 µs, X-C (Line/Earth)	Imax	10 kA
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	< 50 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	< 700 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	Iimp	0.5 kA
Line resistance		< 0.05 Ohm

Mechanical Characteristics

Technology		GDT+ 2-pole clamping diode
SPD configuration		1-pair+shielded
Connection to Network		By spring terminal - max. cross section 2.5mm² / AWG 13 (solid or stranded)
Format		DIN box
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
Certification		

Part number

641163





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