



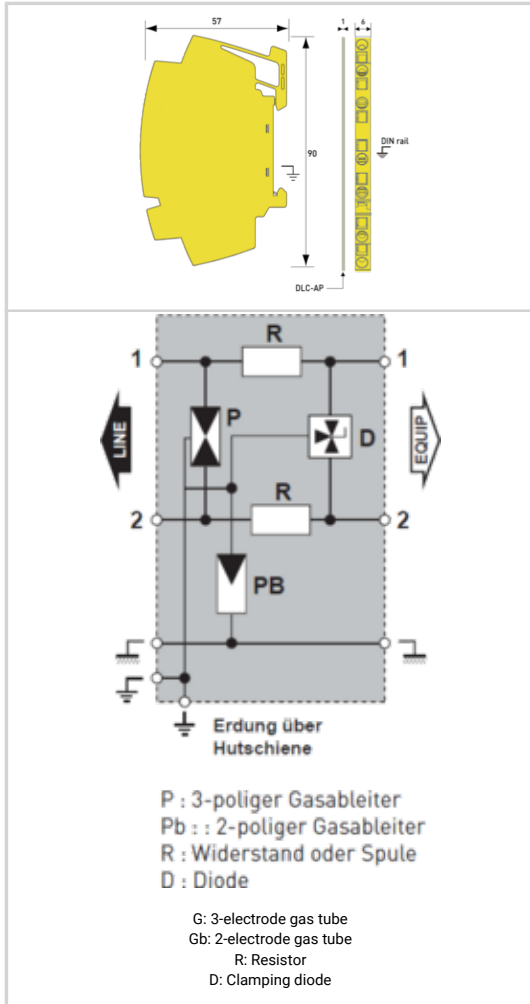
# 1-pair monobloc Telecom surge protector

# CITEL

## DLC-06DBC



- 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		MIC/T2, 10BaseT
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	> 20 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub>	10 kA
Line inductance		No
Protection level @ I <sub>n</sub> (8/20 µs)	Up L/L	25 V
Impulse current 2 x 10/350µs Test - D1 Category	I <sub>imp</sub>	2.5 kA
Line/Line Nominal discharge current C2 Category	I <sub>n</sub> L/L	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	I <sub>n</sub> L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1-pair+shielded
Connection to Network		By spring - max. cross section 1.5mm <sup>2</sup>
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
Weight		0.029 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL 497B
Part number		
641111		

