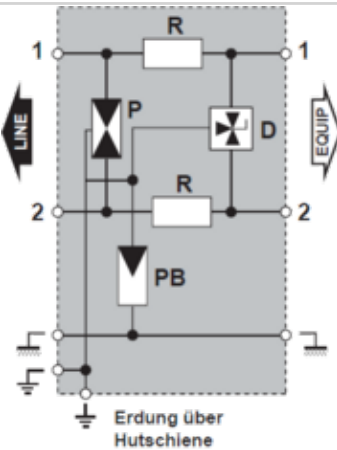
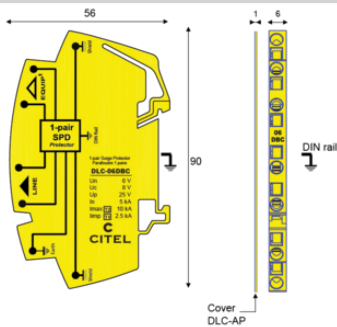


DLC-12DBC



- For 'DIN' rail mounting
- All types of Telephone and Data lines
- Monobloc housing and very compact
- Protection of shield wire
- IEC 61643-21 compliance



P : 3-poliger Gasableiter
Pb : 2-poliger Gasableiter
R : Widerstand oder Spule
D : Diode

G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Clamping diode

Electrical Characteristics

Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Max. frequency	f max.	> 20 MHz
Insertion loss		< 1 dB
Max. load current	IL	300 mA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	10 kA
Line inductance		No
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	30 V
Impulse current 2 x 10/350 μ s Test - D1 Category	I _{imp}	2.5 kA
Line/Line Nominal discharge current C2 Category	In L/L	5 kA
Line/Ground Nominal discharge current 8/20 μ s Test x 10 - C2 Category	In 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 ²
Format		DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-06D3
Dimensions		See diagram
Weight		0.029 kg

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL 497B

Part number

641112