



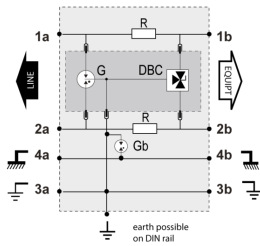
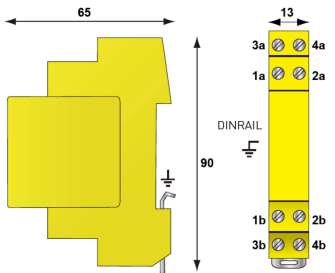
CITEL

1-pair DIN rail plug-in Data surge protector

DLA-06DBC



- ✔ High current 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
- ✔ Plug-out with line cut-off
- ✔ 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

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	Imax	20 kA
Line inductance (± 10 %)		non
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	25 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	25 V
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	5 kA
Nominal discharge current C2 Category	In	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		By screw terminal: cross section 0.5-2.5mm ²
Format		Plug-in 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-06dBC
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed

Part number

640121

