



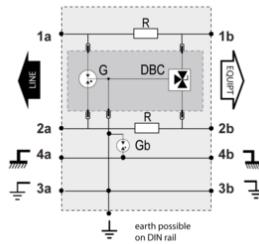
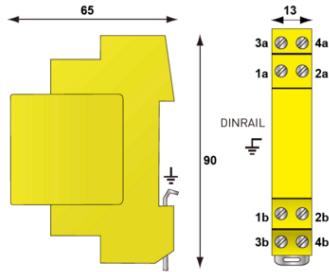
1-pair DIN rail plug-in Data surge protector

CITEL

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	I _{max}	20 kA
Line inductance		No
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	Up	25 V
Protection level <i>Following the test category C3 (IEC61643-21) - Line/PE</i>	Up	20 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	I _{imp}	5 kA
Nominal discharge current <i>C2 Category</i>	I _n	5 kA
Line resistance		< 4.7 Ohm

Mechanical Characteristics

Technology	GDT+Clamping 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	

