



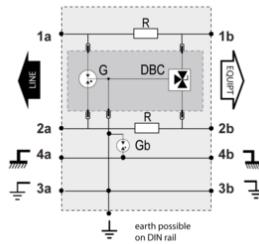
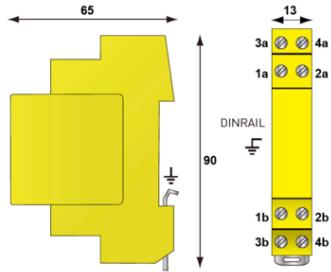
1-pair DIN rail plug-in Data surge protector

CITEL

DLA-48DBC



- 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	Fipway, WorldFIP, FieldBus-h2	
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 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 @ In (8/20 µs)	Up L/L	75 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	In	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-48dBC	
Dimensions	See diagram	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21	
Part number	640421	

