



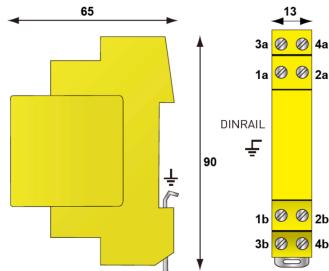
CITEL

1-pair DIN rail plug-in Data surge protector

DLA-24D2

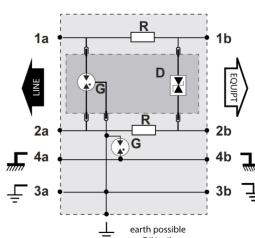


- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



Electrical Characteristics

Network	4-20mA	
Nominal line voltage	Un	24 V
Max. DC operating voltage	Uc	32 Vdc
Cut-off frequency -3dB, 100 ohm system	f max.	> 75 MHz
Cut-off frequency -1dB, 100 ohm system	f max.	> 30 MHz
Max. load current @25°C	IL	600 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	60 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	650 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	10 kA
Line resistance ($\pm 10\%$)		2 Ohm



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

Mechanical Characteristics

Technology	GDT+TVS diode	
SPD configuration	1-pair+shielded	
Connection to Network	By screw terminal: cross section 0.5-2.5mm ²	
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-24D2	
Dimensions	See diagram	
Weight	0.063 kg	
Standards		
Standards compliance	IEC 61643-21 / EN 61643-21	
Part number	6401631	

