



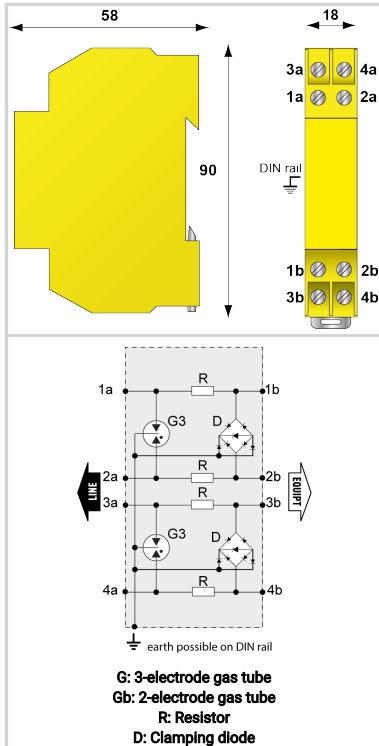
CITEL



2-pair monobloc Data surge protector

DLU2-48D3

- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 48 V
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics			
Network		48 V line, ISDN-T0, Profibus-PA	
Nominal line voltage	Un	48 V	
Max. DC operating voltage	Uc	53 Vdc	
Cut-off frequency -3dB, 100 ohm system	f max.	> 140 MHz	
Cut-off frequency -1dB, 100 ohm system	f max.	> 60 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	
Nominal discharge current C2 Category	I _n	5 kA	
Line inductance (± 10 %)		non	
Protection mode(s)		Common/Differential mode	
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	70 V	
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	70 V	
Max. capacitance	C	< 50 pF	
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA	
Line resistance (± 10%)		4.7 Ohm	
Mechanical Characteristics			
Technology		GDT+TVS diode	
SPD configuration		2 pairs	
Connection to Network		By screw terminal - cross section 1.5-2.5mm 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	
Remote signaling of disconnection		No	
Dimensions		See diagram	
Standards			
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B	
Certification		UL 497B	
Part number			
640404			

