



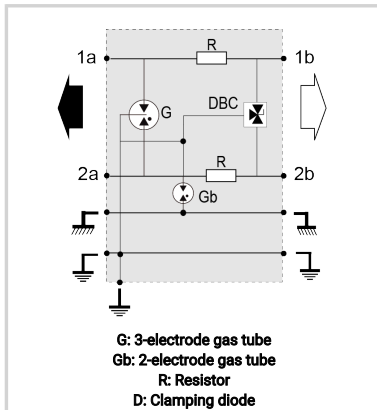
# CITEL

## 1-pair monobloc Data surge protector

### DLU-24DBC



- Discover our latest innovation : the [DLU-24D3](#)
- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 24 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics	
Network	24 V line, High bitrate
Nominal line voltage	Un 24 V
Max. DC operating voltage	Uc 28 Vdc
Max. frequency	f max. 20 MHz
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	Imax 20 kA
Nominal discharge current C2 Category	In 5 kA
Protection mode(s)	Common/Differential mode
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up 50 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up 50 V
Max. capacitance	C < 50 pF
Impulse current 2 x 10/350μs Test - D1 Category	limp 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 1.5-2.5mm <sup>2</sup>
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
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497 A
Certification	UL 497B
Part number	
<b>640513</b>	

