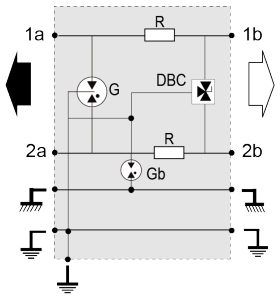
1-pair monobloc Data surge protector

DLU-48DBC

- Discover our latest innovation : the DLU-48D3
- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 48 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A



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
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	75 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)*	Up	75 V
Max. capacitance	C	< 50 pF
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	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 1.5-2.5mm²
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		
640514		