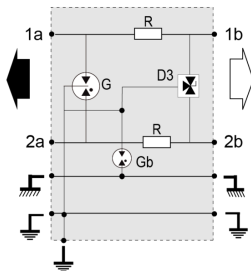


DLU-48D3



- ✦ For DIN rail mounting
- ✦ Monobloc housing
- ✦ 1-pair
- ✦ Un: 48 V
- ✦ Transmission and 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		48 V line, ISDN-T0, Profibus-PA
Nominal line voltage	Un	48 V
Max. DC operating voltage	Uc	53 Vdc
Max. frequency	f max.	> 3 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
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	70 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	70 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	5 kA
Nominal discharge current C2 Category	I _n	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 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
Dimensions		See diagram
Weight		0.061 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497 A
Certification		UL 497B
Part number		
640504		