



DLU2-48D3

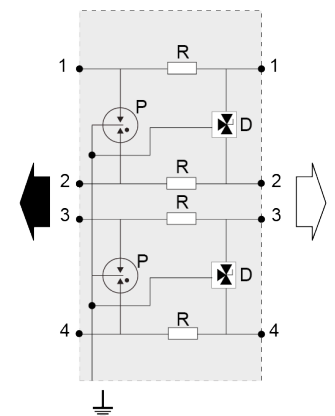
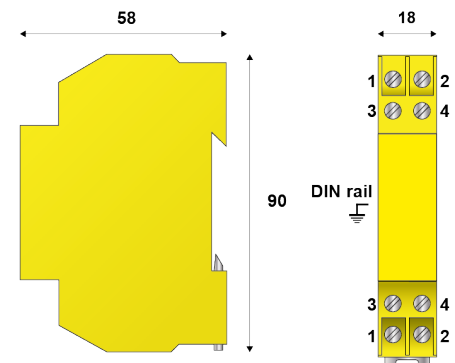
- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 48 V
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics		
Network		48 V line, ISDN-T0, Profibus-PA
Nominal line voltage	U_n	48 V
Max. DC operating voltage	U_c	53 V
Max. load current	I_L	300 mA
Max. frequency	f	> 3 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	70 V
Max. shunt capacitance	C	< 50 pF
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I_{imp}	5 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	I_n	5 kA

Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		2 pairs
Connection to Network		screw terminal - cross section 0.4-1.5 mm ²
Format		DIN box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Remote signaling of disconnection		No
Max. number of pairs		2
Dimensions		See diagram

Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL listed
Part Number		640404



P: 3-electrode gas tube
 PB: 2-electrode gas tube
 R: Resistor
 D: Clamping diode