



DLU-12D3

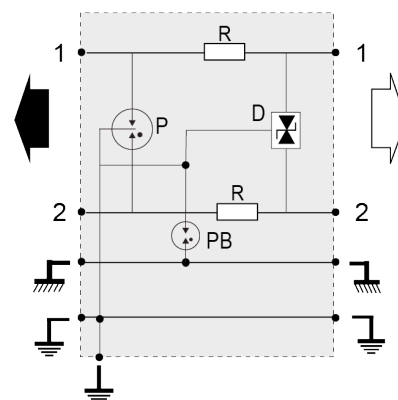
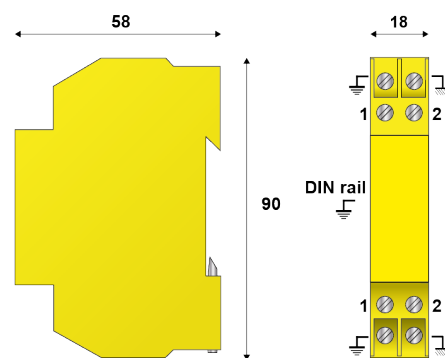
- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 12 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics		
Network		Profibus-FMS, Interbus, FieldBus-H1, Batibus, RS232, RS485
Nominal line voltage	U_n	12 V
Max. DC operating voltage	U_c	15 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
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	30 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
Line resistance		< 4.7 Ohm

Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1-pair + shielded
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 behavior		Short-circuit - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Dimensions		See diagram

Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497 A
Certification		UL listed
Part Number		640502



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