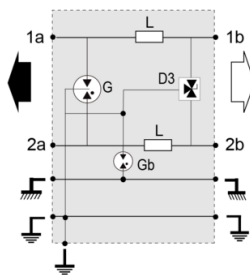
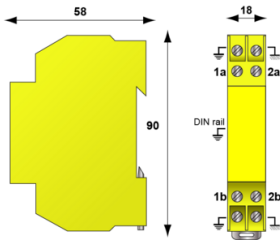


# DLUH-12D3



- For DIN rail mounting
- Monobloc housing
- 1-pair
- Max. line current 2.4 A
- Un: 12 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A



G: 3-electrode gas tube  
 Gb: 2-electrode gas tube  
 L: Inductor  
 D: Clamping diode

### Electrical Characteristics

Network		Profibus-FMS, Interbus, FieldBus-H1, Batibus, RS232, RS485
Max. DC operating voltage	Uc	15 V
Max. frequency	f max.	> 3 MHz
Insertion loss		< 1 dB
Max. load current	IL	2.4 A
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level(Following the test category C3 (IEC61643-21) - Line/Line)	Up	30 V
Max. capacitance	C	< 50 pF
Impulse current(2 x 10/350μs Test - D1 Category)	Iimp	5 kA
Nominal discharge current(8/20μs Test x 10 - C2 Category)	In	5 kA
Line resistance		0 Ohm

### Mechanical Characteristics

Technology		GDT+Clamping diode
SPD configuration		1-pair + shielded
Connection to Network		Screw terminal - cross section 0.4-1.5 mm <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 - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Remote signaling of disconnection		No
Max. number of pairs		1.0000
Dimensions		See diagram

### Standards

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

### Part number

640702

