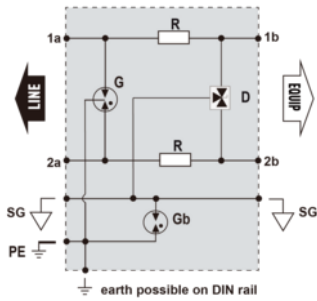
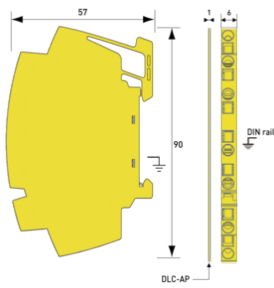




- High speed data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



G: 3-electrode gas tube
 Gb: 2-electrode gas tube
 R: Resistor
 D: Clamping diode SG: Signal ground

Electrical Characteristics	
Network	CAN, Profibus DP, RS485
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 Vdc
Max. frequency	f max. > 50 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 750 mA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 20 kA
Line inductance	No
Protection level @ In (8/20 μs)	Up L/L 30 V
Protection level @ In (8/20 μs)	Up L/PE 650 V
Impulse current 2 x 10/350 μs Test - D1 Category	limp 2.0 kA
Line/Line Nominal discharge current C2 Category	In L/L 10 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	In L/PE 10 kA
Line resistance	< 1.2 Ohm
Mechanical Characteristics	
Technology	GDT+Clamping diode
SPD configuration	1-pair+shielded
Connection to Network	By spring terminal - max. cross section 2.5mm ² / AWG 13 (solid or stranded)
Format	DIN box
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Ingress Protection rating	IP20 (NEMA 2)
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Dimensions	See diagram
Weight	0.029 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Certification	SIL
Part number	
641191	

