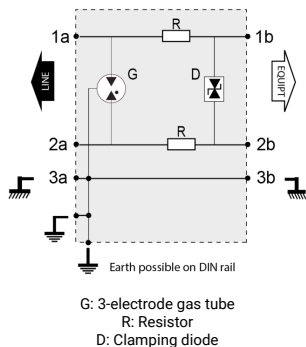
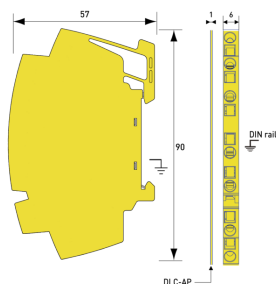




- ✦ High speed data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



Electrical Characteristics

Network		Floating applications, E.g: 4-20mA or 48 V line
Nominal line voltage	Un	48 Vdc
Max. DC operating voltage	Uc	53 Vdc
Max. frequency, in the channel	f max.	DC to 50 MHz
Cut-off frequency -3dB, 100 ohm system	f max.	DC to 150 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	750 mA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	80 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	650 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	I _{imp}	2.0 kA
Nominal Discharge Current C2 (1.2/50µs / 8/20µs), 10 applications, X-X (Line/Line)	I _n	10 kA
Nominal discharge current C2 (1.2/50µs / 8/20µs), 10 applications X-C (Line/Earth)	I _n	10 kA
Line resistance (± 10%)		1.2 Ohm

Mechanical Characteristics

Technology		GDT+TVS 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 enclosure
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
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Part number

641184