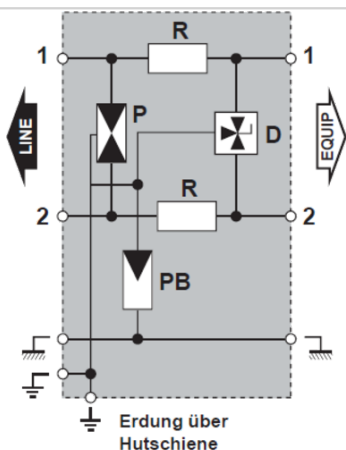
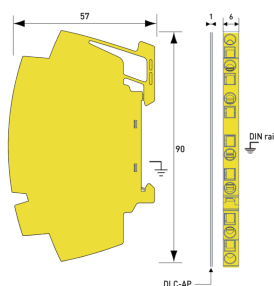




- ✦ High speed data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



P : 3-poliger Gasableiter
Pb : 2-poliger Gasableiter
R : Widerstand oder Spule
D : Diode
G : 3-electrode gas tube
Gb : 2-electrode gas tube
R : Resistor
D : Clamping diode

Electrical Characteristics

Network	LS, 4-20 mA
Nominal line voltage	Un 24 V
Max. DC operating voltage	Uc 28 Vdc
Max. frequency	f max. 20 MHz
Insertion loss	< 1 dB
Max. load current @25°C	IL 300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax 10 kA
Line inductance (± 10 %)	non
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up 40 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up 40 V
Impulse current 2 x 10/350µs Test - D1 Category	Iimp 2.5 kA
Line/Line Nominal discharge current C2 Category	In L/L 5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE 5 kA
Line resistance (± 10%)	4.7 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	By spring terminal - max. cross section 2.5mm² / 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 / UL497B
Certification	UL listed / SIL

Part number

641113