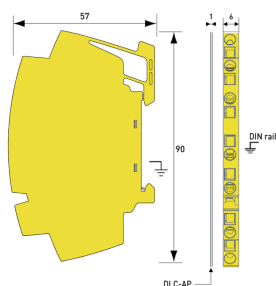




- ✦ High speed data transmission
- ✦ Common mode and differential mode protection
- ✦ Data lines, including those isolated from Earth
- ✦ Compact DIN rail enclosure, high density protection
- ✦ Protection of shield wire
- ✦ Location and test categories: D1, C2, C3
- ✦ IEC 61643-21 compliance



Electrical Characteristics			
Network		LS, 4-20 mA	
Nominal line voltage	Un	24 V	
Max. DC operating voltage	Uc	28 Vdc	
Max. frequency	f max.	3 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			
641103			