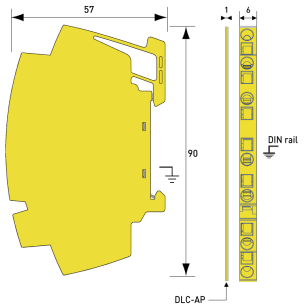
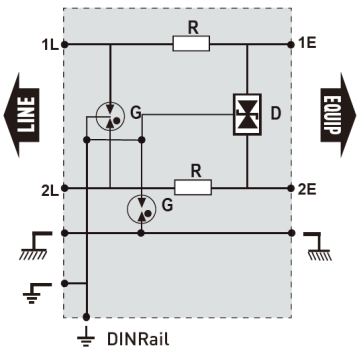
1-pair monobloc Telecom surge protector

DLC-24D3/RE

- For 'DIN' rail mounting
- All types of Telephone and Data lines
- Monobloc housing and very compact
- Protection of shield wire
- IEC 61643-21 compliance

CE





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

Electrical Characteristics		
Network		4-20mA, Liaison 24V
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
Nominal discharge current *C2 Category*	In	5 kA
Nominal Discharge Current, X-C (Line/Earth) *8/20µs Test x 10 - C2 Category*	In L/PE	5 kA
Line inductance (± 10 %)		non
Protection mode(s)		Common/Differential mode
Protection level *@ In (8/20 µs)*	Up L/L	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
Mechanical Characteristics		
Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		By spring - max. cross section 1.5mm²
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 - transmision cut-off - fault mode 2
Disconnection indicator		Transmision interrupt
Dimensions		See diagram
Weight		0.029 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number		
64110398		