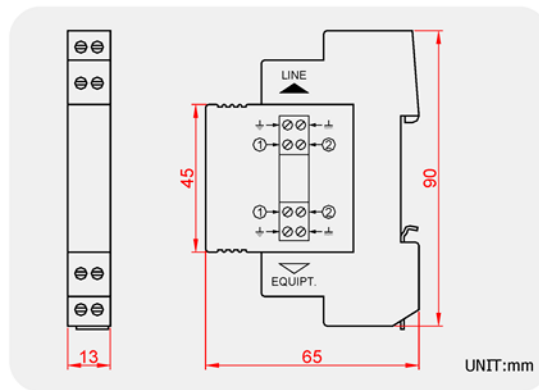
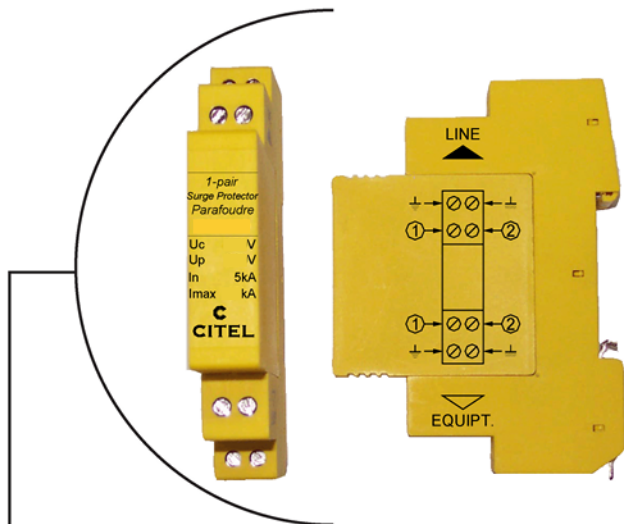


DIN rail surge protector for signal / data line

DLA

Dimensions

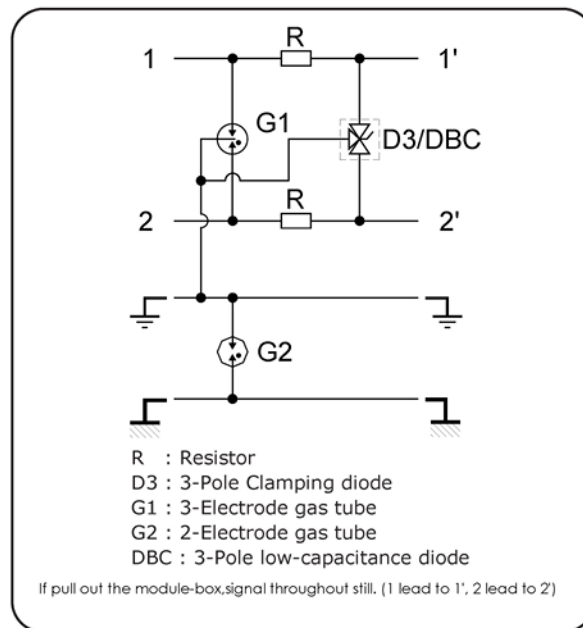


The DLA module is designed to protect telephone and data lines. The surge protection function, based on a gas discharge tube and diode combination, is for one pair and is pluggable for fast and easy maintenance and inspection.

DLA surge protector is equipped with a direct connection on DIN rail (fast and efficient installation). Transmission and protection of the shield wire is planned. Versions exist for most telephone and automation lines.

- For DIN rail mounting
- Pluggable module
- Shield wire protection management
- Max. Discharge current: 20kA
- Screw connection: Max 1.5mm²
- Uninterrupted signal when module-box moved

Electrical diagrams



Characteristics

CITEL part number	DLA - 170	DLA - 48D3	DLA - 24D3	DLA - 12D3	DLA - 12DBC	DLA - 06D3
Application	RTC ADSL	ISDN - T0 48V line	4-20mA Liaison 24V	Profibus-FMS, Interbus Fieldbus-H1 Batibus, RS485	Profibus-DP LO Nworks	RS422
Configuration	1 Pair+Shielding	1 Pair+Shielding	1 Pair+Shielding	1 Pair+Shielding	1 Pair+Shielding	1 Pair+Shielding
Max. line current	300 mA	300 mA	300 mA	300 mA	300 mA	300 mA
Maximum line voltage	170 V	48 V	24 V	15 V	15 V	06 V
Residual voltage 1x8/20 μs impulses	220 V	75 V	40 V	30 V	35 V	20 V
Nominal discharge current 10x8/20 μs impulses	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Maximum discharge current 1x8/20 μs impulses	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Response time	1 nsec	1 nsec	1 nsec	1 nsec	1 nsec	1 nsec