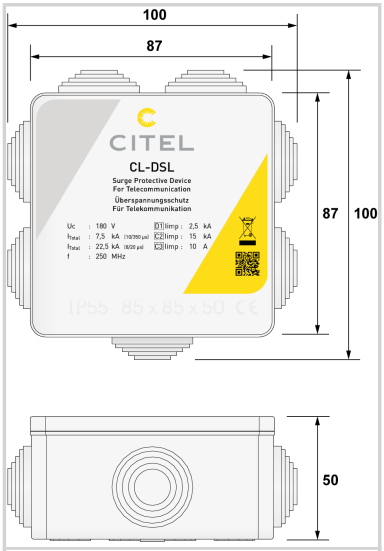
*Data line protection device for telecommunications equipment*

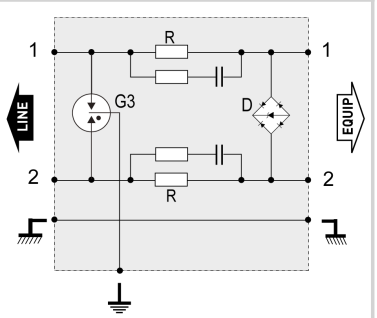
# CL-DSL




- Surge protection for telecommunication applications
- Protection of VDSL2, VDSL, DSL, ISDN and analog terminals
- Extended frequency range up to 400 MHz
- Wall mounting

CE




**Gb: 3-electrode gas tube**
**R: Resistor**
**DBC: 3-pole low capacitance diode**

| **Electrical Characteristics** | | |
|---|---|---|
| Network | | RTC, ADSL2, VDSL2 |
| Nominal line voltage | Un | 180 V |
| Max. DC operating voltage | Uc | 180 Vdc |
| Max. frequency | f max. | 400 MHz |
| Insertion loss | | < 3 dB |
| Max. load current @25°C | IL | 750 mA |
| Nominal discharge current<br>*C2 Category* | In | 15 kA |
| Protection Level<br>*C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)* | Up | < 280 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | limp | 2.5 kA |
| **Mechanical Characteristics** | | |
| Technology | | GDT+TVS diode |
| SPD configuration | | 1 pair |
| Connection to Network | | Spring terminal: cross section 0.5-2.5mm² |
| Format | | Wall mounting box |
| Mounting | | Wall mounting by screws (not supplied) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP55 |
| Failsafe mode | | Short-circuit - transmision cut-off - fault mode 2 |
| Dimensions | | See diagram |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 |
| **Part number** | | |
| **6400066** | | |