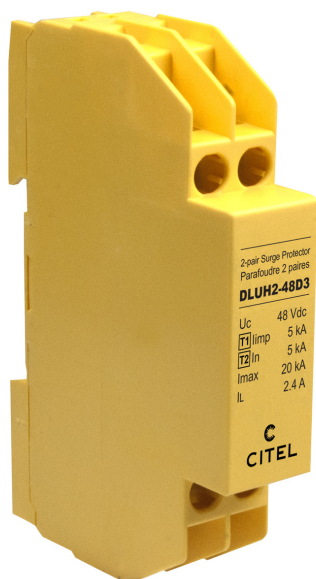




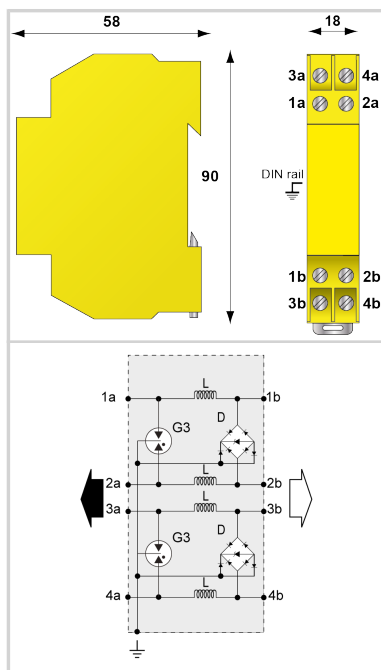
# CITEL

## 2-pair monobloc Data surge protector

### DLUH2-48D3



- For DIN rail mounting
- Monobloc housing
- 2-pair
- Un: 48 V
- IEC 61643-21 compliance
- UL497A



| Electrical Characteristics                                                  |        |  |                                                     |
|-----------------------------------------------------------------------------|--------|--|-----------------------------------------------------|
| Network                                                                     |        |  | 48 V line, ISDN-T0, Profibus-PA                     |
| Nominal line voltage                                                        | Un     |  | 48 V                                                |
| Max. DC operating voltage                                                   | Uc     |  | 53 Vdc                                              |
| Cut-off frequency<br>-3dB, 100 ohm system                                   | f max. |  | > 1.5 MHz                                           |
| Cut-off frequency<br>-1dB, 100 ohm system                                   | f max. |  | > 900 KHz                                           |
| Insertion loss                                                              |        |  | < 1 dB                                              |
| Max. load current @25°C                                                     | IL     |  | 2.4 A                                               |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                  | Imax   |  | 20 kA                                               |
| Nominal discharge current<br>C2 Category                                    | In     |  | 5 kA                                                |
| Line inductance (± 10 %)                                                    |        |  | 10 µH                                               |
| Protection mode(s)                                                          |        |  | Common/Differential mode                            |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)  | Up     |  | 70 V                                                |
| Protection Level<br>C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth) | Up     |  | 70 V                                                |
| Max. capacitance                                                            | C      |  | < 50 pF                                             |
| Impulse current<br>2 x 10/350µs Test - D1 Category                          | Iimp   |  | 5 kA                                                |
| Line resistance (± 10%)                                                     |        |  | 4.7 Ohm                                             |
| Mechanical Characteristics                                                  |        |  |                                                     |
| Technology                                                                  |        |  | GDT+TVS diode                                       |
| SPD configuration                                                           |        |  | 2 pairs                                             |
| Connection to Network                                                       |        |  | By screw terminal: cross section 0.4-1.5mm²         |
| 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 - transmission cut-off - fault mode 2 |
| Disconnection indicator                                                     |        |  | Transmission interrupt                              |
| Remote signaling of disconnection                                           |        |  | No                                                  |
| Max. number of pairs                                                        |        |  | 2.0000                                              |
| Dimensions                                                                  |        |  | See diagram                                         |
| Standards                                                                   |        |  |                                                     |
| Standards compliance                                                        |        |  | IEC 61643-21 / EN 61643-21 / UL497B                 |
| Certification                                                               |        |  | UL 497B                                             |
| Part number                                                                 |        |  |                                                     |
| 640734                                                                      |        |  |                                                     |

