



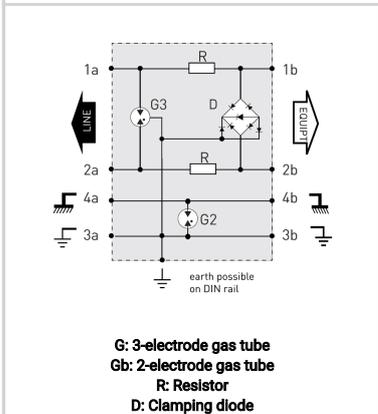
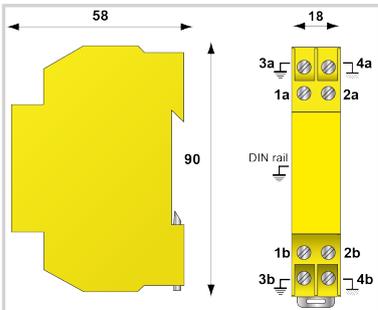
CITEL

1-pair monobloc Data surge protector

DLU-24D3



- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 24 V
- Transmission and protection of shield wire
- IEC 61643-21 compliance
- UL497A



| Electrical Characteristics | |
|---|--|
| Network | 4-20mA, Liaison 24V |
| Nominal line voltage | Un 24 V |
| Max. DC operating voltage | Uc 28 Vdc |
| Cut-off frequency -3dB, 100 ohm system | f max. > 140 MHz |
| Cut-off frequency -1dB, 100 ohm system | f max. > 60 MHz |
| Insertion loss | < 1 dB |
| Max. load current @25°C | IL 300 mA |
| Max. discharge current max. withstand @ 8/20 μs by pole | I _{max} 20 kA |
| Nominal discharge current C2 Category | I _n 5 kA |
| Protection mode(s) | Common/Differential mode |
| Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line) | Up 40 V |
| Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth) | Up 40 V |
| Max. capacitance | C < 50 pF |
| Impulse current 2 x 10/350μs Test - D1 Category | I _{imp} 5 kA |
| Line resistance (± 10%) | 4.7 Ohm |
| Mechanical Characteristics | |
| Technology | GDT+TVS diode |
| SPD configuration | 1-pair+shielded |
| Connection to Network | By screw terminal - cross section 1.5-2.5mm ² |
| 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 |
| Disconnection indicator | Transmission interrupt - default mode 2 |
| Dimensions | See diagram |
| Standards | |
| Standards compliance | IEC 61643-21 / EN 61643-21 / UL497 A |
| Certification | UL 497B |
| Part number | |
| 640503 | |

