



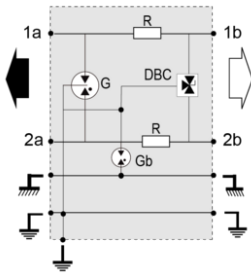
# 1-pair monobloc Data surge protector

# CITEL

## DLU-06DBC



- For DIN rail mounting
- Monobloc housing
- 1-pair
- Un: 6 V
- Transmission an protection of shield wire
- IEC 61643-21 compliance
- UL497A certified



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

| Electrical Characteristics                              |  |
|---|--|
| Network   | 6 V line, High bitrate, MIC/T2, 10BaseT                  |
| Nominal line voltage                                    | Un 6 V   |
| Max. DC operating voltage                               | Uc 10 Vdc  |
| Max. frequency  | f max. > 20 MHz  |
| Insertion loss  | < 1 dB   |
| Max. load current @25°C                                 | IL 300 mA  |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 20 kA   |
| Protection mode(s)                                      | Common/Differential mode                                 |
| Protection level @ In (8/20 μs)                         | Up L/L 25 V  |
| Max. capacitance  | C < 50 pF  |
| Impulse current 2 x 10/350 μs Test - D1 Category        | Iimp 5 kA  |
| Nominal discharge current C2 Category                   | In 5 kA  |
| Line resistance (± 10%)                                 | 4.7 Ohm  |
| Mechanical Characteristics                              |  |
| Technology  | GDT+Clamping diode                                       |
| SPD configuration                                       | 1-pair+shielded  |
| Connection to Network                                   | By screw terminal - cross section 1.5-2.5mm <sup>2</sup> |
| 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   |  |
| 640511  |  |

