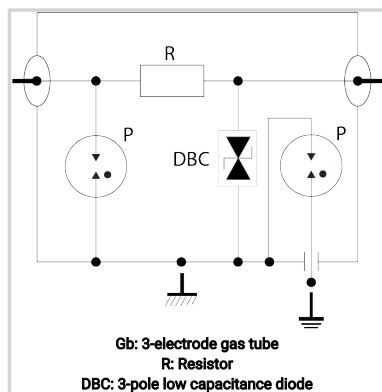




# CITEL



- › Coaxial surge protector
- › Multiples connectors
- › Low insertion loss
- › Easy installation



| Electrical Characteristics                                 |         |                                                     |
|------------------------------------------------------------|---------|-----------------------------------------------------|
| Network                                                    |         | coaxial DC-100 MHz                                  |
| Nominal line voltage                                       | Un      | 5 V                                                 |
| Max. DC operating voltage                                  | Uc      | 10 Vdc                                              |
| Max. frequency                                             | f max.  | DC-100 MHz                                          |
| Insertion loss                                             |         | ≤ 0.5 dB                                            |
| Return loss                                                |         | ≥20 dB                                              |
| Impedance                                                  |         | 50/75 ohms                                          |
| VSWR                                                       |         | < 1.3:1                                             |
| Max. load current @25°C                                    | IL      | 0.5 A                                               |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole | Imax    | 20 kA                                               |
| Nominal discharge current<br>C2 Category                   | In      | 5 kA                                                |
| Protection mode(s)                                         |         | Common mode                                         |
| Protection level<br>@ In (8/20 μs)                         | Up L/L  | 20 V                                                |
| Protection level L/N<br>@ In (8/20 μs)                     | Up L/N  | 20 V                                                |
| Protection level L/PE<br>@ In (8/20 μs)                    | Up L/PE | 20 V                                                |
| Impulse current<br>2 x 10/350 μs Test - D1 Category        | limp    | 2.5 kA                                              |
| Max RF Power                                               |         | 4 W                                                 |
| DC Pass                                                    |         | No                                                  |
| Mechanical Characteristics                                 |         |                                                     |
| Technology                                                 |         | GDT+TVS diode                                       |
| Connection to Network                                      |         | Connector F Male/Female                             |
| Format                                                     |         | Insulating box                                      |
| Mounting                                                   |         | On plate                                            |
| Housing material                                           |         | Metal+plastic                                       |
| Operating temperature                                      | Tu      | -40/+85°C                                           |
| Protection rating                                          |         | IP20                                                |
| Failsafe mode                                              |         | Short-circuit - transmission cut-off - fault mode 2 |
| Disconnection indicator                                    |         | Transmission interrupt                              |
| Dimensions                                                 |         | See diagram                                         |
| Standards                                                  |         |                                                     |
| Standards compliance                                       |         | IEC 61643-21 / EN 61643-21 / UL497E                 |
| Part number                                                |         |                                                     |
| 632601                                                     |         |                                                     |

