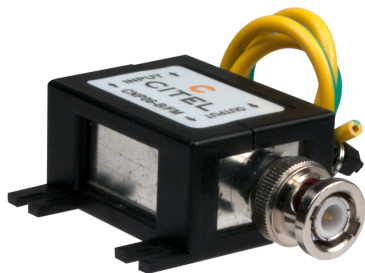
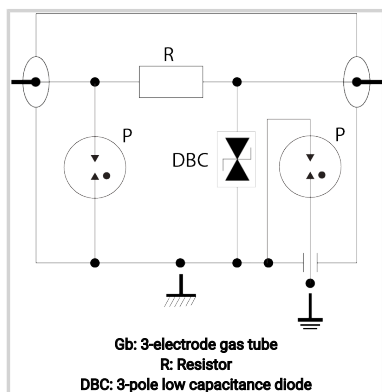




# CITEL



- 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><i>max. withstand @ 8/20 μs by pole</i> | Imax    | 20 kA                                               |
| Nominal discharge current<br><i>C2 Category</i>                   | In      | 5 kA                                                |
| Protection mode(s)                                                |         | Common mode                                         |
| Protection level<br><i>@ In (8/20 μs)</i>                         | Up L/L  | 20 V                                                |
| Protection level L/N<br><i>@ In (8/20 μs)</i>                     | Up L/N  | 20 V                                                |
| Protection level L/PE<br><i>@ In (8/20 μs)</i>                    | Up L/PE | 20 V                                                |
| Impulse current<br><i>2 x 10/350 μs Test - D1 Category</i>        | Iimp    | 2.5 kA                                              |
| Max RF Power                                                      |         | 4 W                                                 |
| DC Pass                                                           |         | No                                                  |
| Mechanical Characteristics                                        |         |                                                     |
| Technology                                                        |         | GDT+TVS diode                                       |
| Connection to Network                                             |         | Connector BNC Female/Male                           |
| 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                                         |
| Weight                                                            |         | 0.054 kg                                            |
| Standards                                                         |         |                                                     |
| Standards compliance                                              |         | IEC 61643-21 / EN 61643-21 / UL497E                 |
| Part number                                                       |         |                                                     |
| 64270                                                             |         |                                                     |

