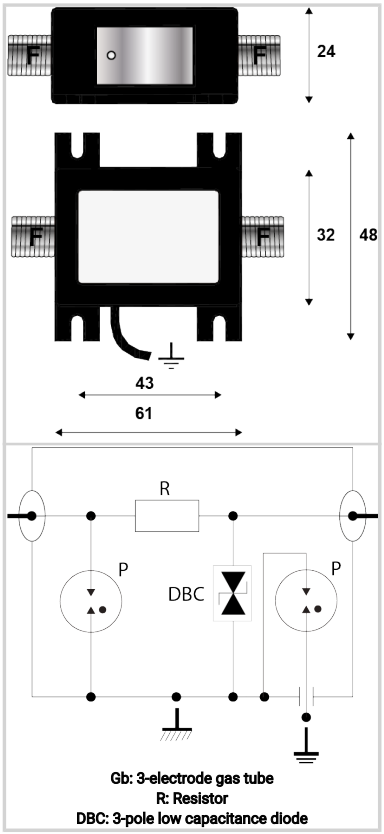
*Coaxial surge protector for video transmission networks*

# CNP06 F/FF



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

CE




Gb: 3-electrode gas tube
R: Resistor
DBC: 3-pole low capacitance diode

| 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 (8/20µs)* | Up L/N | 20 V |
| Protection level L/PE<br>*@ In (8/20µs)* | Up L/PE | 20 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 2.5 kA |
| Max RF Power | | 4 W |
| DC Pass | | No |
| **Mechanical Characteristics** | | |
| Technology | | GDT+TVS diode |
| Connection to Network | | Connector F Female/Female |
| Format | | Insulating box |
| Mounting | | On plate |
| Housing material | | Metal+plastic |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Short-circuit - transmision cut-off - fault mode 2 |
| Disconnection indicator | | Transmision interrupt |
| Dimensions | | See diagram |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497E |
| **Part number** | | |
| **632602** | | |