



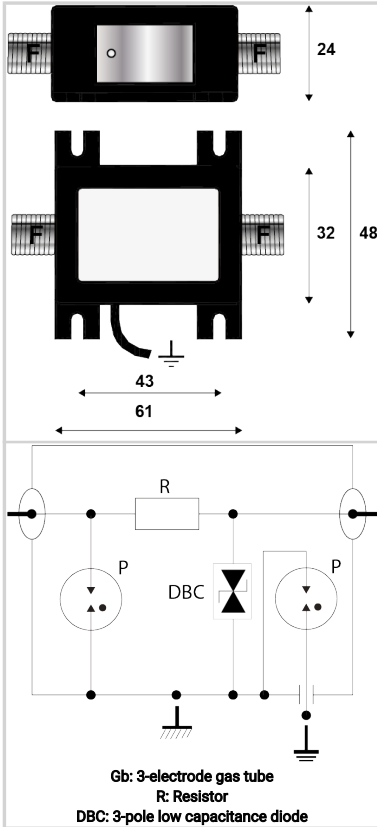
# CITEL

## Coaxial surge protector for video transmission networks

### CNP06 F/FF



- 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 <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal discharge current <i>C2 Category</i>	I <sub>n</sub>	5 kA
Protection mode(s)		Common mode
Protection level <i>@ I<sub>n</sub> (8/20 μs)</i>	Up L/L	20 V
Protection level L/N <i>@ I<sub>n</sub> (8/20 μs)</i>	Up L/N	20 V
Protection level L/PE <i>@ I<sub>n</sub> (8/20 μs)</i>	Up L/PE	20 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I <sub>imp</sub>	2.5 kA
Max 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 - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Dimensions		See diagram

#### Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497E
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#### Part number

**632602**

