



Coaxial surge protector for video transmission networks CXC and CNP

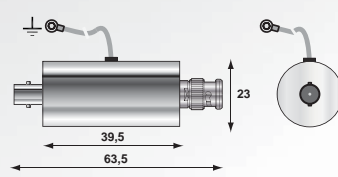


CXC09-B/MF

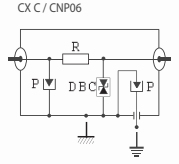
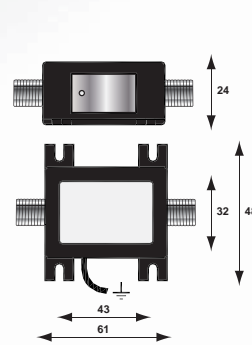


CNP06-B/FM

CXC06-B/MF



CNP06-F/FF



P : 2-electrode gas tube
DBC : Low capacitance diode
R : Resistor

- Coaxial surge protector
- Multiples connectors
- Low insertion loss
- Easy installation
- IEC 61643-21 and UL497C/E compliance

Characteristics

CITEL Model	CXC06*	CNP06*		
Description	Coaxial surge protector for video transmission networks	Coaxial surge protector for video transmission networks		
Technology	GDT + Diode	GDT + Diode		
Max. frequency	f DC - 100 MHz	DC - 100 MHz		
Max Power	P 6 W	4 W		
Impedance	Z 50/75 ohms	50/75 ohms		
Insertion loss	≤ 0.5 dB	≤ 0.5 dB		
Return loss	≥ 20 dB	> 20 dB		
VSWR	< 1.3:1	< 1.3:1		
Max. Load current	IL 0.5 A	0.5 A		
Nominal discharge current - 8/20µs Test x 10 - C2 Category	In 5 kA	5 kA		
Max. discharge current - max. withstand @ 8/20 µs by pole	I _{max} 10 kA	20 kA		
Impulse current - 2 x 10/350µs Test - D1 Category	I _{imp} 2.5 kA	2.5 kA		
Protection level	Up 20 V	20 V		
Failsafe behavior	short-circuit	short-circuit		
Mechanical characteristics				
Dimensions	see diagram			
Connection to Network	BNC or F connector			
Disconnection indicator	transmission interrupt			
Mounting	on cable	on plate		
Operating temperature	-40/+85°C			
Protection rating	IP20			
Housing material	Brass	Metal+plastic		
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497C / UL497E			
Part number				
BNC connector Female/Male	CXC06-B/FM	6301341	CNP06-B/FM	64270
BNC connector Male/Female	CXC06-B/MF	630134	CNP06-B/MF	632611
F connector Female/Female	-	-	CNP06-F/FF	632602
F connector F Male/Female	-	-	CNP06-F/MF	632601