

RF Coaxial Protectors CXP series

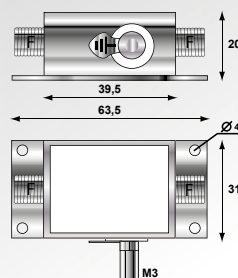


CXP09-F/FF

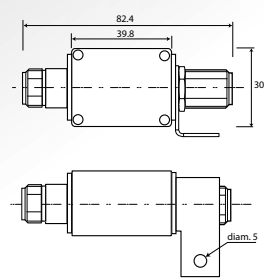


CXP09-NW/FF/DCB

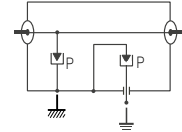
CXP



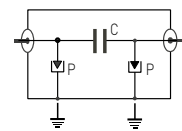
CXP-DCB



CXP



CXP-DCB



P : Gas discharge tube
C : Capacitance

- Coaxial surge protector low frequency
- RoHS 6 compliance
- Waterproof
- Mounting on plate
- Bi-directional

Characteristics

CITEL Model		CXP09*	CXP25*	CXP09*-DCB	CXP25*-DCB
Description		Coaxial SPD for low frequency	Coaxial SPD for low frequency	Coaxial SDP for low frequency	Coaxial SPD for low frequency
Technology		Gas discharge tube	Gas discharge tube	GDT+Filter	GDT+Filter
Max. frequency	f	DC-1 GHz	DC-1 GHz	125-1000 MHz	125-1000 MHz
Max Power	P	25 W	190 W	25 W	190 W
Impedance	Z	50/75 ohms	50/75 ohms	50/75 ohms	50/75 ohms
Insertion loss		< 0.5 dB	< 0.5 dB	< 1 dB	< 1 dB
Return loss		> 18 dB	> 18 dB	> 20 dB	> 20 dB
VSWR		< 1.3:1	< 1.3:1	< 1.3:1	<1.3:1
Max. Load current	IL	0.5 A	0.5 A	0.5 A	0.5 A
Nominal discharge current - 8/20µs Test x 10 - C2 category	In	5 kA	5 kA	0	0
Max. discharge current - max. withstand @ 8/20 µs	I _{max}	20 kA	20 kA	20 kA	20 kA
Impulse current - 2 x 10/350µs Test - D1 Category	I _{imp}	2.5 kA	2.5 kA	2.5 kA	2.5 kA
Protection level	Up	600 V	600 V	600 V	600 V
Failsafe behavior		short-circuit	short-circuit	short-circuit	short-circuit
Mechanical characteristics					
Dimensions		see diagram			
Connection to Network		N or F connector		N or F connector	
Disconnection indicator		transmission interrupt			
Mounting		on plate			
Operating temperature		-40/+85°C			
Protection rating		IP20			
Housing material		Brass			
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E			
Part number					
N connector Female/Female		CXP09-N/FF 631655	CXP25-N/FF -	CXP09-N/FF-DCB 631652	CXP25-N/FF-DCB 631652
N connector Male/Female		CXP09-N/MF -	CXP25-N/MF 631754	CXP09-N/MF-DCB 631653	CXP25-N/MF-DCB 631653
F connector Female/Female		CXP09-F/FF 631651	CXP25-F/FF 631757	- -	- -
F connector Male/Female		CXP09-F/MF 631611	CXP25-F/MF -	- -	- -