



# CITEL

## Isolating spark gap (ISG)

### BF PC 500/20



- ↳ Isolating spark gap
- ↳ Outdoor application
- ↳ Max. discharge current: 100 kA
- ↳ EN 62561-3 compliance



	<b>Electrical Characteristics</b>	
	Rated DC withstand voltage	Uw DC 400 V
	Rated AC withstand voltage	Uw AC 280 V
	Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub> 100 kA
	Impulse current by pole <i>max. withstand 10/350 μs by pole</i>	I <sub>imp</sub> 50 kA
	Classification following IEC 62561-3	N
	Rated impulse sparkover voltage <i>1kV/μs</i>	U <sub>r limp</sub> 1200 V
	<b>Mechanical Characteristics</b>	
	Technology	Gas discharge tube
	Connection to Network	Wire (BF PS) wire terminal (BF PC)
	Operating temperature	T <sub>u</sub> -40/+85°C
	Protection rating	IP67
	Number of units per package	1 unit per packaging
	Dimensions	See diagram
	Weight	0.057 kg
	<b>Standards</b>	
	Standards compliance	EN 62561-3
	RoHS compliance	Yes
	<b>Part number</b>	
	90231522	

