



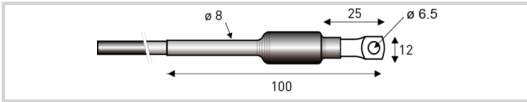
# CITEL

## Isolating spark gap (ISG)

### BF PC 250/20



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



| Electrical Characteristics   |                     |                                    |
|--|---------------------|------------------------------------|
| Rated DC withstand voltage   | Uw DC               | 200 V                              |
| Rated AC withstand voltage   | Uw AC               | 140 V                              |
| Max. discharge current<br><i>max. withstand @ 8/20 μs by pole</i>  | I <sub>max</sub>    | 100 kA                             |
| Impulse current by pole<br><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<br><i>1kV/μs</i>                   | U <sub>r limp</sub> | 900 V                              |
| Mechanical Characteristics   |                     |                                    |
| 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                           |
| Standards  |                     |                                    |
| Standards compliance   |                     | EN 62561-3                         |
| RohS compliance  |                     | Yes                                |
| Part number  |                     |                                    |
| 90231509   |                     |                                    |

