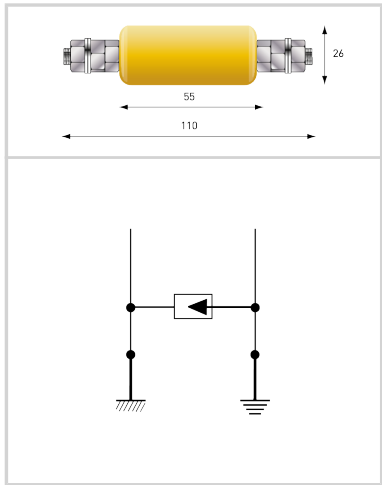




# CITEL



## Isolating spark gap (ISG)

### SGP70

- Isolating spark gap
- Indoor application
- Max. discharge current: 70 kA
- EN 50164-3, IEC 62561-3 compliance



| Electrical Characteristics                                        |                     |                    |
|-------------------------------------------------------------------|---------------------|--------------------|
| Rated DC withstand voltage                                        | Uw DC               | 500 V              |
| Rated AC withstand voltage                                        | Uw AC               | 300 V              |
| DC sparkover voltage (100V/s)                                     |                     | 600-900 V          |
| Follow current                                                    | If                  | Yes                |
| Max. discharge current<br><i>max. withstand @ 8/20 µs by pole</i> | I <sub>max</sub>    | 70 kA              |
| Impulse current by pole<br><i>max. withstand 10/350µs by pole</i> | I <sub>imp</sub>    | 25 kA              |
| Classification following IEC 62561-3                              |                     | 1L                 |
| Insulation resistance                                             | IR                  | 1 Gohm             |
| Rated impulse sparkover voltage<br><i>1kV/µs</i>                  | Ur I <sub>imp</sub> | 1500 V             |
| Mechanical Characteristics                                        |                     |                    |
| Technology                                                        |                     | Gas discharge tube |
| Connection to Network                                             |                     | Threaded rod M8    |
| Operating temperature                                             | Tu                  | -40/+85°C          |
| Protection rating                                                 |                     | IP54               |
| Dimensions                                                        |                     | See diagram        |
| Standards                                                         |                     |                    |
| Standards compliance                                              |                     | EN 62561-3         |
| Part number                                                       |                     |                    |
| 690103                                                            |                     |                    |

