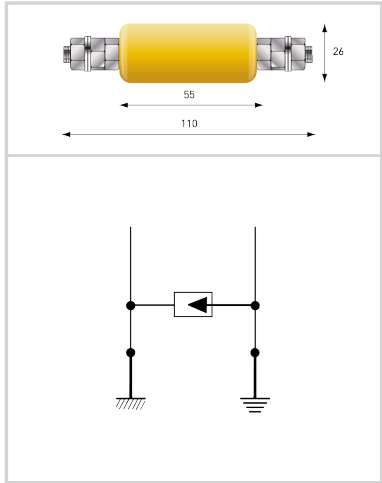




# CITEL



## Isolating spark gap (ISG)

### SGP40

- Isolating spark gap
- Indoor application
- Max. discharge current : 40 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          |
| Maximum impulse sparkover voltage (1kV/μs)                        |         | < 1500 V           |
| Follow current                                                    | If      | Yes                |
| Max. discharge current<br><i>max. withstand @ 8/20 μs by pole</i> | Imax    | 40 kA              |
| Impulse current by pole<br><i>max. withstand 10/350μs by pole</i> | Iimp    | 15 kA              |
| Classification following IEC 62561-3                              |         | 2L                 |
| Insulation resistance                                             | IR      | 1 Gohm             |
| Rated impulse sparkover voltage<br><i>1kV/μs</i>                  | Ur limp | 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                                                       |         |                    |
| 690102                                                            |         |                    |

