



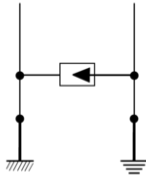
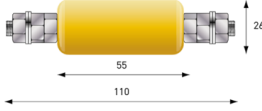
# CITEL

## 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 <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	40 kA
Impulse current by pole <i>max. withstand 10/350μs by pole</i>	I <sub>imp</sub>	15 kA
Classification following IEC 62561-3		2L
Insulation resistance	IR	1 Gohm
Rated impulse sparkover voltage <i>1kV/μs</i>	U <sub>r limp</sub>	1500 V

#### Mechanical Characteristics

Technology		Gas discharge tube
Connection to Network		Threaded rod M10
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP54
Dimensions		See diagram
Weight		0.14 kg

#### Standards

Standards compliance		EN 62561-3
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#### Part number

**690102**

