



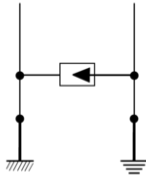
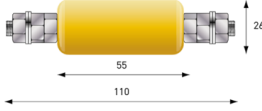
CITEL

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 <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	70 kA
Impulse current by pole <i>max. withstand 10/350 μs by pole</i>	I _{imp}	25 kA
Classification following IEC 62561-3		1L
Insulation resistance	IR	1 Gohm
Rated impulse sparkover voltage <i>1kV/μs</i>	U _{r limp}	1500 V

Mechanical Characteristics

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

Standards

Standards compliance		EN 62561-3
----------------------	--	------------

Part number

690103

