



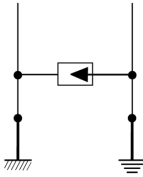
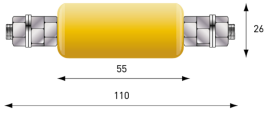
CITEL

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 max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Impulse current by pole max. withstand 10/350μs by pole	I _{imp}	15 kA
Classification following IEC 62561-3		2L
Insulation resistance	IR	1 Gohm
Rated impulse sparkover voltage 1kV/μs	U _r I _{imp}	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
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Part number

690102

