



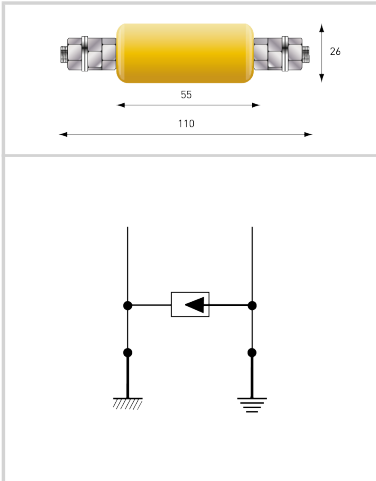
CITEL

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>	Imax	40 kA
Impulse current by pole <i>max. withstand 10/350 μs by pole</i>	Iimp	15 kA
Classification following IEC 62561-3		2L
Insulation resistance	IR	1 Gohm
Rated impulse sparkover voltage <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		

