



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 _{max}	40 kA
	Impulse current by pole <i>max. withstand 10/350 μs by pole</i>	I _{imp}	15 kA
	Classification following IEC 62561-3		2L
	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		
	690102		

