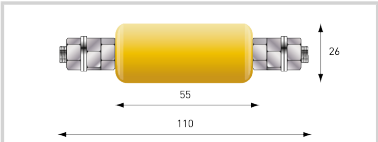
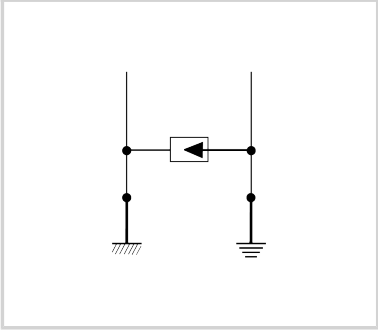
Isolating spark gap (ISG)

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