

## Isolating Spark Gap (connecting cables)



Encapsulated high-performance Isolating Spark Gap with connecting cables.

### Features

- 50kA
- Class N - normal duty
- Easy installation

### Benefits

Suitable for use where direct connection is not allowed.

### Application

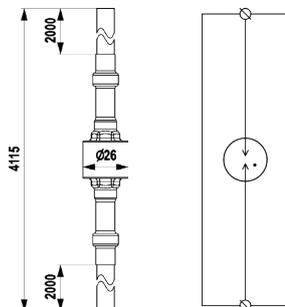
For indirect earthing of isolated conductive parts.

### Standards

EN 61643-11 (for surge protection devices).

### Dimensions and wiring diagram

KMSG-C100



### Electrical specification

Order number	KMSG-C100	
Lightning impulse current	$I_{imp}$	50kA
Rated impulse sparkover voltage	$U_{rimp}$	0.95kV
Rated power frequency withstand voltage	$U_{WAC}$	0.07kV
Rated DC withstand voltage	$U_{WDC}$	0.1kV
Isolation resistance	100MΩ	
Classification	Class N - normal duty	
Degree of protection	IP67	
Range of operating temperatures (min - max)	-40°C - +80°C	
According to standard	EN 62561-3:2012, IEC 62561-3:2012	
Weight	1600g (nett), 1610g (gross)	

## Isolating Spark Gap (M8 bolt and nut)



Encapsulated high-performance Isolating Spark Gap with M8 bolt and nut.

### Features

- 100kA
- Class H - heavy duty
- Easy installation

### Benefits

Suitable for use where direct connection is not allowed.

### Application

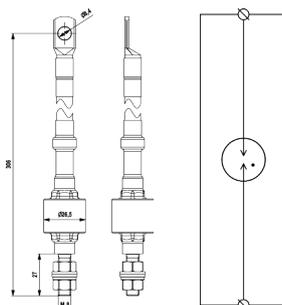
For indirect earthing of isolated conductive parts.

### Standards

EN 61643-11 (for surge protection devices).

### Dimensions and wiring diagram

KMSGO-500



### Electrical specification

Order number	KMSGO-500	
Lightning impulse current	$I_{imp}$	100kA
Rated impulse sparkover voltage	$U_{rimp}$	1.50kV
Rated power frequency withstand voltage	$U_{WAC}$	0.35kV
Rated DC withstand voltage	$U_{WDC}$	0.50kV
Isolation resistance	100MΩ	
Classification	Class H - heavy duty	
Degree of protection	IP67	
Range of operating temperatures (min - max)	-40°C - +80°C	
According to standard	EN 62561-3:2012, IEC 62561-3:2012	
ETIM Class	EC000510	
Weight	235g (nett), 255g (gross)	