

Spark Gap

A spark gap is a device designed to handle over-voltage conditions by allowing electrical discharge between two electrodes when the voltage exceeds a certain threshold. It provides a protective measure by conducting excess voltage away from sensitive components.

We offer both vulcanized rubber-encased spark gaps and SS316L metal-encased spark gaps, depending on client preference. Both types can be installed directly onto the insulation flange for lightning protection.

KEY FEATURES

1. Fast Response Time
2. High Discharge Capacity
3. Bidirectional Protection
4. Wireless Connection Structure
5. Maintenance-Free

PRODUCT SPECIFICATIONS

Encased: SS316L/ Vulcanized Rubber

Lightning Impulse Current: 50KA

Nominal Discharge Current: 100KA, 8/20 μ s

Power Spark over Voltage: ≤ 1.2 KV (50Hz)

Lightning Impulse Spark over Voltage: ≤ 2.5 KV

Cable: 1x25mm² PVC cable tail, length from 200mm to 500mm available.

Connection Type: Cable lugs at two ends

IP Grade: IP68

Explosion Proof: II 3 G EEx nC II T4

Temperature: -25°C to +65°C

APPLICATIONS

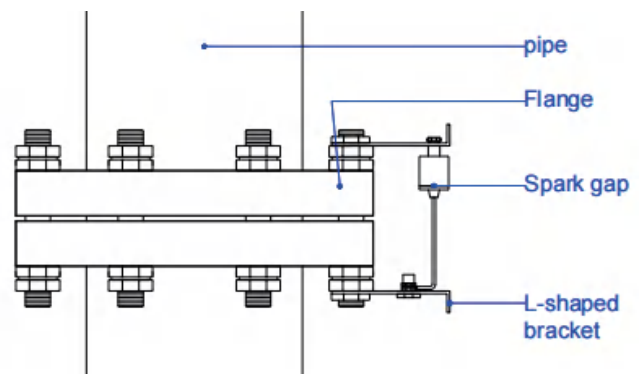
1. Cathodic Protection Systems
2. Pipeline and Storage Tank Protection
3. Insulating flange lightning protection
4. Cathodic protection industry
5. AC mitigation industry



**SS316L Metal-Encased
Spark Gap**



**Vulcanized Rubber-Encased
Spark Gap**



Product Installation Diagram