

## Description

The expulsion Fuse Cutouts are outdoor high voltage device, providing reliable circuit protection in Aerial distribution systems for voltages ranging from 10kV to 36kV. It is designed to be installed outdoors for vertical cross arm or pole mounting. The expulsion fuse cutouts have Porcelain and Silicone rubber insulators.

The Fuse Cutout is connected with the incoming feeder of the distribution transformer or distribution lines. It's mainly used to protect transformers or lines from short circuit and overload and ON/OFF loading current.

The Drop Out Fuse unit is composed of insulator support and a fusion tube, static contacts is fixed on two sides of insulator support and moving contact is installed on two ends of fusion tube. The inside of the fusion tube is the arc-extinguishing tube, the outside is made of phenolic compound paper tube or epoxy glass.

## Feature

- Low minimum breaking current, low power losses and low arc-voltage;
- High breaking capacity and effective short-circuit prospective current limitation;
- Fuses are the fastest overload protection devices for high short-circuit currents;
- The fuse with the indicator has a safe indication, can show the fusing when the indicator pop-up;
- Superior insulating material, large creepage distance and suitable for different environments;
- The terminal of fusant contacting with the end-plate (or connecting plate) use the technology of spot welding;
- The fusant is made of pure copper strip, the fusion tube is made of high strength china. The extinguishing medium is made of pure quartz sand;
- Compliance to IEC60282-2 standard for full voltage ratings.

## Environment Conditions

- Ambient temperature:-40°C to 40°C;
- Altitude: ≤1000m altitude(High altitude type≤3000m);
- Relative humidity: Daily average value: ≤95%, Monthly average: ≤90%;
- Wind speed: ≤35m/s;
- Ice cover thickness: ≤20mm;
- Installation: no explosive and flammable gas, no chemical corrosion and violent vibration place.

## Specification

Model	Rated Voltage (kV)	Rated Current (A)	Breaking current (A)	Impulse voltage BIL (kV)	Power Frequency withstand voltage (kV)	Creepage distance (mm)	Dimension (cm)
GKF	33	100	10,000	170	70	660	67*38*15
	33	200	12,000	170	70	660	

## Outline dimension