

Overview

This LOADBREAK fuse cutout is available for application on 10kv to 38kv distribution system. The addition of the arc chute provides loadbreak capability for fuse cutouts. Also expands the flexibility of the protective devices. The loadbreak fuse cutout provides short circuit protection to overhead lines with the added feature of a loadbreaking function. Maximum rating current 100-200A

Product features

High performance of weather aging resistance

For porcelain insulator, the porcelain body connects with hardware fitting by cement pouring, we use the (por-rok)ANCHORING cement manufactured by CGM INC from USA. This kind of cement has rapid solidification, high mechanical strength, low expansion coefficient and superior weather resistance.

For polymer insulator, the hardware fitting crimped onto fiberglass rod, material of housing and sheds manufacture of high-temperature Vulcanized Silicone Rubber, and the insulator moulded by one piece injection molding. It has good sealing performance and good performance of tracking and erosion resistance.

All ferrous parts processed by hot dip galvanized, its zinc coating more than 86u, it has good corrosion resistance.

Design feature of single vent

Our fuse cutout adopts the design feature of single vent, exhaust downwards and outwards when fuse cutout interrupt. Prevent the intrusion of rainwater, avoid damage to the upper line by free gas, and this design can improve the interrupt capacity.

Excellent conductivity

All copper casting part adopts bronze/brass, it has excellent mechanical strength and excellent conductivity.

All contact parts be silver-plated, it adopts convex design on the contact surface, this design can reduce the contact resistance and ensure excellent conductivity.

The high-strength memory copper alloy sheets can ensure contact with lower contact smoothly and without any affecting when fuse drop out.

It adopts Arc-shortening copper rod to improve the interrupt capacity when short circuit fault.

Reliable load breaking capacity

For Loadbreak type fuse cutout, its arc chamber made of special reinforced nylon material. It has good mechanical strength, anti-aging and flame retardant. suitable for use the area like high ultraviolet area, high altitude area, coastal area, etc.

Relevant international executive standards

All fuse cutouts we manufacture and test according to the latest international standard IEC 60282-2:2008 & IEEE Std C37.41-2008 & IEEE Std C37.42-2009.

Parameter

Rated(KV)	Rated current(A)	Rated interrupting current(KA)	Lighting impulse withstand voltage to ground(BIL KV)	Minimum powerfrequency withstand dry voltage to ground(KV)	Minimum creepage distance(mm)
11-15	100/200	12	110	42	220
11-15	100/200	12	125	50	320
24-27	100/200	12	150	65	470
33-38	100/200	8	170	70	660
33-38	100/200	8	170	70	720
33-38	100/200	8	170	70	900