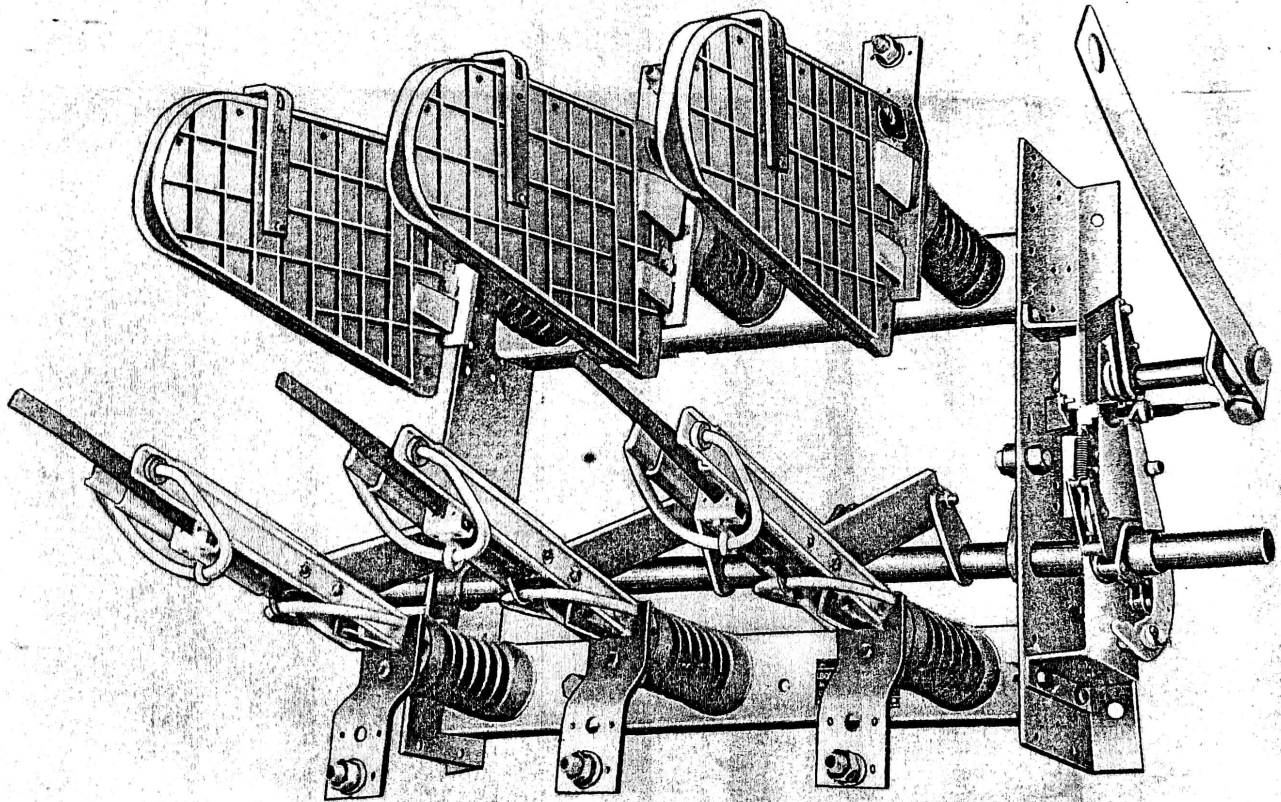


## 12 kV Load Break Switch for Indoor Panel Applications



## Technical Data:

- **Nominal voltage** - 12 kV
- **Ampere Rating** - 400 Amp
- **No. of Poles** - 3 Poles
- **Rated Frequency** - 50 Hz
- **Rated impulse test voltage** - 75 kV
- **Rated short-time withstand current (3sec.)** - 74 kA
- **Rated peak short-time withstand current** - 35 kA

## General Information:

The Load Break Switch and Switch fuse units are used for switching of transformers and the Ring Main Feeders .

The Switch fuse units can be supplied with H.T. Fuses mounted at the bottom of the Switch as per customer's requirements .

The LBS is fitted with Shunt Trip release mechanism with solenoid coil .  
Also it has in-built Earthing Switch with mechanical and electrical interlocks .

The Load Break Switch is manually operated with switching shaft.

The switching angle is normally 90 ° , the switching angle of Load Break Switches with quick closing mechanism is 120 ° , whereas for those fitted with Trip- free mechanism it is 128 ° .

The operating Torque is 10 to 12 N-m .

The LBS is operated with sliding contact.

## Salient Features

- Reliable Arc Quenching .
- Simple, yet Robust Mechanism.
- Compact Dimensions and dimple contacts.
- Reciprocating of moving arm saves panel space.
- Silver plated flower Contacts designed to achieve better mechanical and electrical properties.
- Maintenance free long service life.
- Personal safety is considered as highest preference.
- Earth Switch with mechanical interlock.
- Auxiliary Contacts.
- Shunt trip coil 110V or 220V AC or DC fitted on switch.

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