



## VACUUM INTERRUPTER

### 1. Application

Vacuum interrupters are employed in vacuum circuit breakers to carry and interrupt normal as well as rated fault current. These interrupters shall have high degree of vacuum (better than  $10^{-6}$  torr) and shelf life of the interrupter shall be greater than 20 years.

### 2. Rating

The rating of vacuum interrupter is as per table below. All the rating parameters shall be in line with IEC 62271-100. Preferred electrical life at rated short ckt. current is 100 operations.

**Table**

Voltage (KV)	Insulation (KV/KVp)	Short Circuit Current (KA)	Rated Current (Amp)	Preferred contact stroke (mm)
12	28/75	25	1250	6

Wear indication mark shall be provided on moving stem of VIs

### 3. Acceptance Criteria

As only type tested interrupters are acceptable, Supplier shall quote for interrupters which have been supplied by the supplier in the recent past to BHEL.

### 4. Identification

Each interrupter shall have identification label giving following information :-

- Name of manufacturer.
- S.No. of the interrupter and date of manufacture.
- Type reference of interrupter.

### 5. Packing

To be properly packed to avoid any damage during transit.

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