



PRODUCT STANDARD
SWITCHGEAR ENGINEERING DIVISION

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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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