



AL-AHLEIA SWITCHGEAR CO.



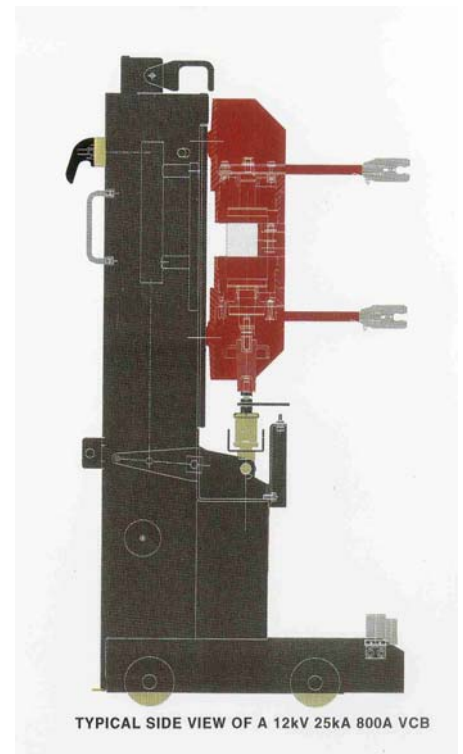
STATE OF KUWAIT

HORIZONTAL ISOLATION VACUUM CIRCUIT BREAKER TYPE AH12

The AH12 Horizontal Drawout and Horizontal Isolation Vacuum Circuit Breakers are suitable for use up to 15kV rated voltage.

TECHNICAL DATA

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| Type | : AH12 |
| Voltage/Frequency | : 12kV/15kV / 50/60Hz |
| Normal Current | : Up to 3150A / 4000A with forced cooling |
| Short-time Current | : Up to 40kA for 3secs. |
| P.F. Withstand | : Up to 38kV |
| Impulse Withstand | : Up to 95kVp |
| Applicable Standard | : IEC 62271-100 |
| S.C. Breaking Current | : Up to 40kA |
| Making Capacity | : Up to 110kAp |
| Operating Sequence | : O-3min-CO-3min-CO O-0.3sec-CO-1min-CO |
| Operating Mechanism | : Manual / Motorized |
| Rated Voltage of Closing and Tripping Device | : 24/30/50/110/220V DC |
| Rated Voltage of Charging Motor | : 30/50/110/220/240V AC/DC |



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SALIENT FEATURES

- ◆ Excellent breaking performance.
- ◆ Reduction of maintenance cost.
- ◆ Non-inflammability.
- ◆ High reliability and long life.
- ◆ No hot gas discharged outside. Totally self contained.
- ◆ Very short contact travel.
- ◆ Small inertia. Permits very frequent switching.
- ◆ Fully interlocked.