



# AL-AHLEIA SWITCHGEAR CO.



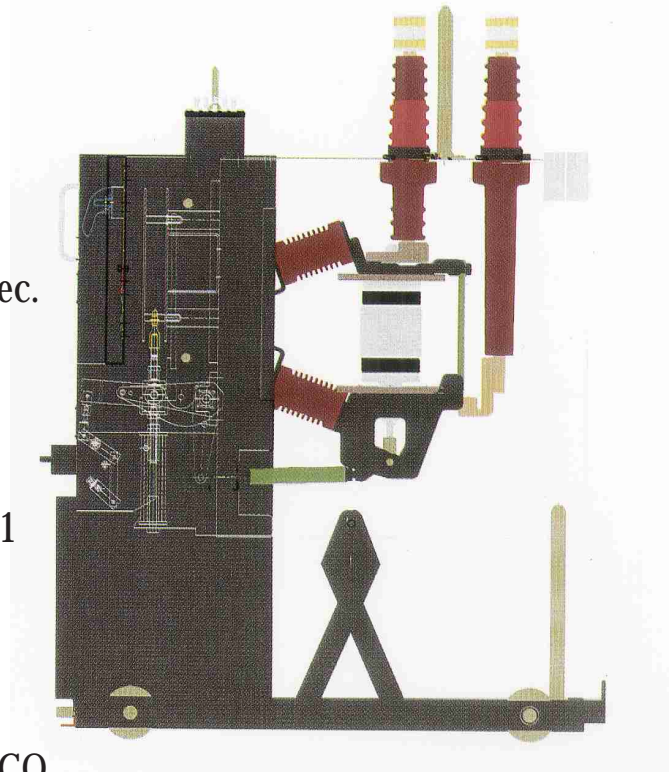
STATE OF KUWAIT

## VERTICAL ISOLATION VACUUM CIRCUIT BREAKER TYPE AV12

Type AV12 Horizontal Drawout and Vertical Isolation Vacuum Circuit Breakers are suitable for use up to 12kV rated voltage.

### TECHNICAL DATA

Type	: AV12
Voltage	: 12kV
Normal Current	: Up to 1250A
Short-time Current	: 20/25/26.3kA for 3sec.
P.F. Withstand	: 28/38kV
Impulse Withstand	: 75/95kVp
Applicable Standard	: IEC 60056 / BS 5311
S.C. Breaking Current	: 20/25/26.3kA
Making Capacity	: 50/62.5/67kAp
Operating Sequence	: 0-3min - CO -3min - 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.
- Minimum noise and operation impact.
- High reliability and long life.
- No hot gas discharged outside. Totally self contained.
- Very short contact travel.
- Small inertia. Permits very frequent switching.
- Compact switchgear; light weight construction with small operating mechanism.
- Fully interlocked.

## OVERALL DIMENSIONS (Typical)

Width	508 mm
Depth	1011 mm
Height	1290 mm