

# Timetric



## Gas Insulated Vacuum Circuit Breaker

As the professional manufacturer, we would like to provide you Timetric Gas Insulated Vacuum Circuit Breaker. We have many years of production experience, so my quality is far ahead of the industry, but we still strive to improve the quality and improve the delivery time to ensure our customers will receive the highest quality products.

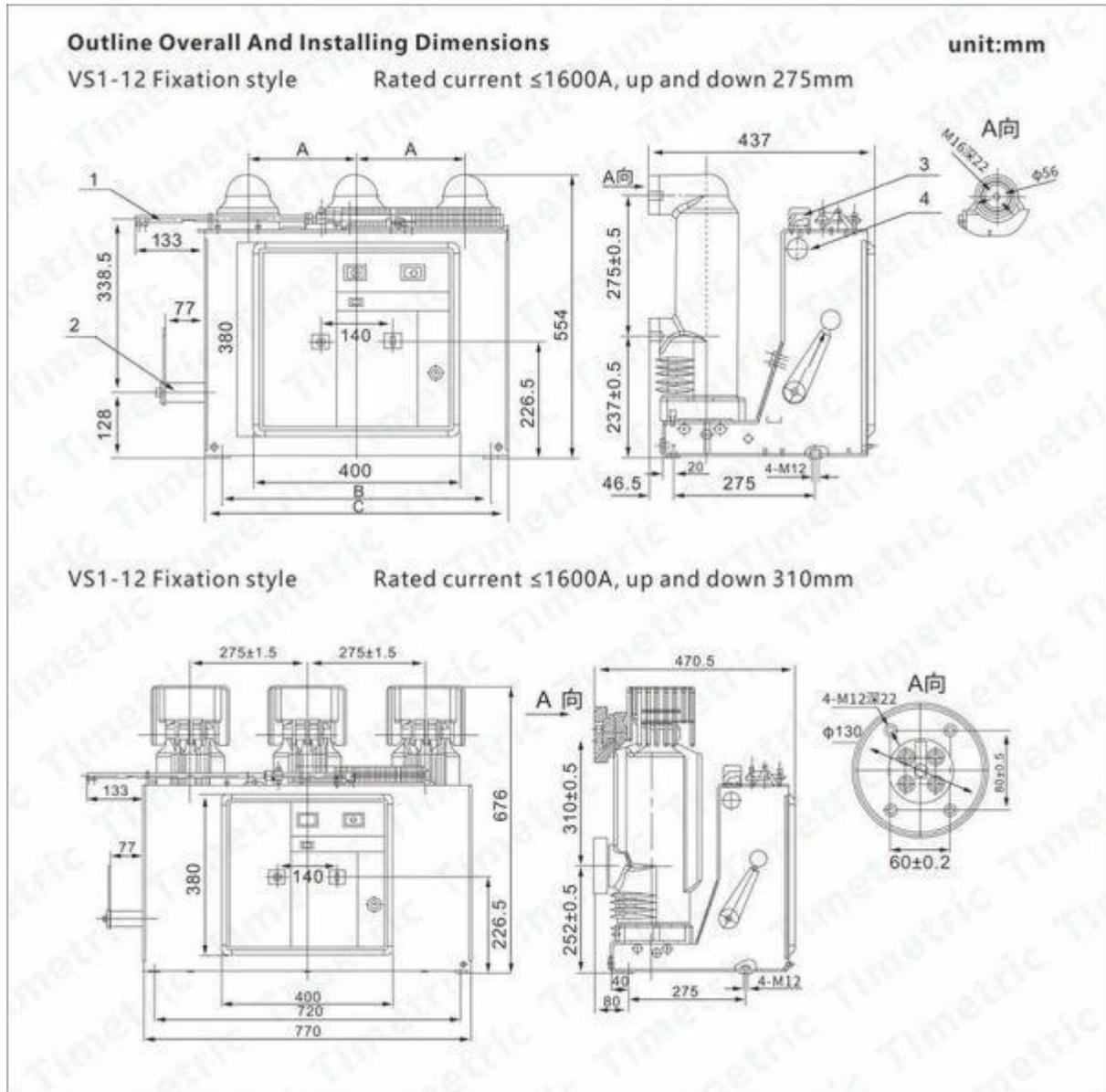
### Product Description

#### Timetric Gas Insulated Vacuum Circuit Breaker specifications

Vacuum circuit breakers are usually available in multiple voltage levels. Low-voltage type is generally used for explosion-proof electrical use. Like coal mines and so on.

The rated current reaches 5000A, the on-off current reaches a good level of 50kA, and has been developed to a voltage of 35kV.

Before the 1980s, the vacuum circuit breaker was in the initial stage of development, and the technology was constantly exploring, so the technical standards could not be formulated. It was not until 1985 that the relevant product standards were made



**Timetric Gas Insulated Vacuum Circuit Breaker Parameter (Specification)**

|                 |                               |
|-----------------|-------------------------------|
| Colour          | Silver gray、Red               |
| Shape           | Combination                   |
| Size            | customized                    |
| Rated Voltage   | 12/24KV                       |
| Rated Current   | 630A, 1250A,2000A,3150A,4000A |
| Number Of Poles | 3                             |
| Characteristic  | Safe and Stable               |
| Material        | Iron, Red copper, Epoxy resin |

|                   |                  |
|-------------------|------------------|
| Surface Treatment | Plastic spraying |
|-------------------|------------------|

**Timetric Gas Insulated Vacuum Circuit Breaker domestic standards**

(1) Insulation level: Test voltage IEC China

1min power frequency withstand voltage (kV) 28 42(pole to ground)48(fracture)

1.2/50 Shock withstand voltage (kV) 75 75(between poles, poles to ground)84(between fractures)

(2) The pressure tolerance level of the fracture of vacuum arc extinguishing chamber after the electric life test is not specified in IEC56. According to JB3855-96, the insulation capacity between the breaks of the vacuum circuit breaker after the completion of the electric life number test shall not be lower than 80% of the initial insulation level, that is, the power frequency of 1min33.6kV and the impact of 60kV.

**Timetric Gas Insulated Vacuum Circuit Breaker Main structure**

The vacuum circuit breaker mainly consists of three parts: vacuum arc extinguishing chamber, electromagnetic or spring operating mechanism, support and other components.

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