

# Timetric



## Vacuum Circuit Breaker 12kv

As the professional manufacture, we would like to provide you high quality Timetric Vacuum Circuit Breaker 12kv. We have specialized in Vacuum Circuit Breaker for nearly 10 years and have won the trust of our customers with strong technical support, good quality and service timely and accurate delivery, and have developed into a business pattern of both foreign trade and domestic sales.

### Product Description

#### Timetric Vacuum Circuit Breaker 12kv Introduction

Vacuum circuit breaker is the indoor power distribution device in the 3-10kV, 50Hz three-phase AC system. It can be used for the protection and control of electrical equipment in industrial and mining enterprises, power plants and substations. It is especially suitable for the use places requiring no oil, less maintenance and frequent operation. Circuit breakers can be configured in middle cabinets, double cabinets and fixed cabinets to control and protect high-voltage electrical equipment.



**Timetric Vacuum Circuit Breaker 12kv Parameter (Specification)**

| Rated voltage   |                                |                        |   | 12kV                         |                 |
|---|--------------------------------|------------------------|---|------------------------------|-----------------|
| Rated frequency                                       |                                |                        |   | 50HZ/60HZ                    |                 |
| Rated lightning impulse test voltage/breaking         |                                |                        |   | 75/85kV(peak value)          |                 |
| Rated 1min power frequency withstand voltage/breaking |                                |                        |   | 42/48kV(valid value)         |                 |
| Model   | Rated current                  | Rated breaking current | Rated short-circuit making current (peak value)kA | Rated short-circuit duration | Mechanical life |
| ZN63 (VS1)-12   | 630,1250                       | 20/25                  | 50/63   | 4                            | 20000           |
|   | 1250,1600<br>2000,2500         | 31.5                   | 80  | 4                            | 20000           |
|   | 1250,1600<br>2000,2500<br>3150 | 40                     | 100   | 4                            | 20000           |
|   | 4000                           | 40/50                  | 100/125   | 4                            | 20000           |

**Timetric Vacuum Circuit Breaker 12kv Operating mechanism**

According to the different type of circuit breaker, the operating mechanism is different. Commonly used operating mechanisms include spring operating mechanism, CD10 electromagnetic operating mechanism, CD17 electromagnetic operating mechanism, CT19 spring energy storage operating mechanism, CT8 spring energy storage operating mechanism.

**Other components**

Base, insulating support, insulator, etc