### **Timetric**



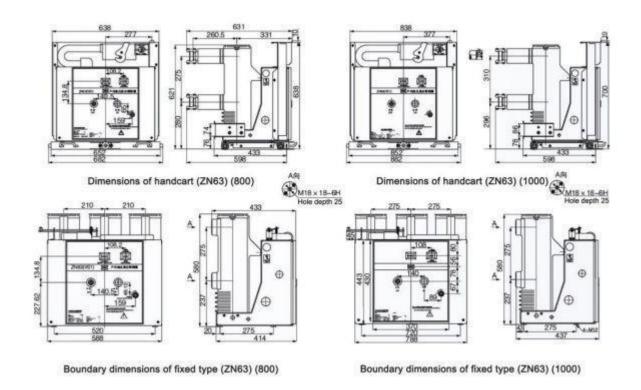
## Indoor Solid Sealed Vacuum Circuit Breaker

As the professional manufacture, we would like to provide you Timetric Indoor Solid Sealed Vacuum Circuit Breaker. And we will offer you the best after-sale service and timely delivery. With high-quality products, good reputation and high-quality service, the products sell well in Europe, America, Southeast Asia, the Middle East and other markets. We sincerely cooperate with customers and merchants for win-win, common development and common progress.

#### Product Description

#### **Timetric Indoor Solid Sealed Vacuum Circuit Breaker Introduction**

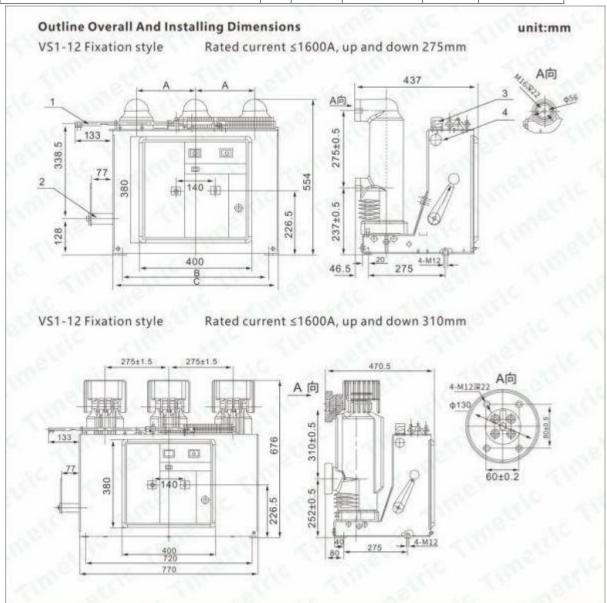
Indoor Solid Sealed Vacuum Circuit Breaker is a three-phase AC 50Hz, rated voltage of 12kV indoor switching equipment, can be used for industrial and mining enterprises, power plants and substations, electrical facilities for control and protection, and suitable for frequent operation places. Using the integration of the operating mechanism and the circuit breaker body, the design can be used as a fixed installation unit, but also can be equipped with a special propulsion mechanism, to form a handcart unit for use. The main loop part can be used as a whole solid sealing pole, in order to achieve the circuit breaker miniaturization, high reliability, maintenance-free, can be used with KYN28A-12(GZS) and other middle mobile switchgear, fixed type can also be used for XGN series fixed type switchgear.



#### **Timetric Indoor Solid Sealed Vacuum Circuit Breaker Parameter (Specification)**

Name		Unit	Parameter				
Rated voltage		kV	12	12	12	12	
Operating current		А	630、 1250	630、1250、 1600	1250、 1600	2000、2500、 3150	
Rated insulation level	1min power frequency withstand voltage	kV	42	42	42	42	
	Lightning impulse voltage	kV	75	75	75	75	
Rated short-circuit breaking current		kA	20	25	31.5	40	
Rated short-circuit making current (peak value)		kA	50	63	80	100	
Rated (peak) withstand current		kA	50	63	80	100	
Rated short-time withstand current		kA	20	25	31.5	40	
Rated short-circuit breaking current breaking times		次	50	50	50	30	
Rated short circuit duration		S	4				
Rated operating sequence			Opening - 0.3 s - closing opening - 180 s - closing opening				

		Opening - 180s - closing opening - 180s - closing opening (40kA)			
Mechanical life	次	20000	20000	20000	20000



#### Timetric Indoor Solid Sealed Vacuum Circuit Breaker The user shall indicate:

- a. Model, name and order quantity of circuit breaker;
- b. Rated voltage, rated current and rated short-circuit breaking current of the circuit breaker;
- c. Rated operating voltage of energy storage motor and opening/closing coil;
- d. Number of over-current tripping coils and tripping current value;
- e. Name and quantity of spare parts; f. Please contact the manufacturer in case of any ambiguity or special requirements.

#### **Timetric Indoor Solid Sealed Vacuum Circuit Breaker Details**



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