

Timetric



1250A 3 Phase Vacuum Circuit Breaker

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Timetric 1250A 3 Phase Vacuum Circuit Breaker. We look forward to cooperating with you. the implementation of a full range of quality management strategy to ensure product quality, the whole process of quality testing and tracking, do not let go of any small details, so that your choice of reassurance more at ease.

Product Description

Timetric 1250A 3 Phase Vacuum Circuit Breaker Introduction

The 1250A 3 Phase Vacuum Circuit Breaker can be divided into two types: fixed type and car type. The overall structure adopts the form of operating mechanism and arc extinguishing chamber before and after arrangement. The main circuit part is three-phase floor type structure. Therefore, it can especially creepage and reduce the accumulation of dust on the surface of the arc extinguishing chamber. It can not only prevent the vacuum arc extinguishing chamber from being affected by external factors, but also ensure that the voltage effect can show a high resistance state even in the humid heat and serious dirty environment.



Timetric 1250A 3 Phase Vacuum Circuit Breaker Parameter (Specification)

NO.	ITEM	Unit	Parameter
1	Rated Voltage	KV	12
2	Rated Lighting Impulse Voltage tolerance	KV	75
3	1 min Frequency Voltage	KV	42
4	Frequency tolerance of the secondary circuit voltage (1 min)	V	2000
5	Rated short-circuit breaking current breaking number	Times	50
6	1min power frequency	KA	42/48
7	Lightning impulse withstand voltage (peak)		75/85

8	Rated short-circuit breaking current	kA	20/25	31.5	40
9	Rated crurrent	A	630 1250	630/1250	1250/1600
				1600/2000	2000/2500
				2500/3150	3150/4000
10	Rated thermal stability of current(RMS)	kA	20/25	31.5	40
11	Dynamic Stability rated current(peak)	kA	63	80	100
12	Rated short-circuit closing current(peak)	kA	63	80	100
13	rated operating sequence		O-0.3s-CO-180s-CO O-180s-CO-180s-CO		
14	Rated a single/back-to-back electric current breaking device group	A	630/400	800/400(40KA)	
15	Mechanical life	Times	10000		

Timetric 1250A 3 Phase Vacuum Circuit Breaker Feature And Application (insulated oil cylinder)

The main loop components are vertically installed in the insulation cylinder, which is made of epoxy resin with APG process. The strength is high enough to resist arc aging. At the same time, the structure can effectively prevent the vacuum arc extinguishing chamber from being affected by impact, dirt and other external factors, so that the circuit can withstand the rated short-term peak current resistance.

The surface of the structural parts is made of zinc nickel alloy which is resistant to corrosion, salt and fog. The transmission parts are made of Ni-P alloy with high strength, friction resistance and corrosion resistance. And oil-free graphite drive bearing, strong strength, strong anti-friction ability, from the international famous brand INA

(Circuit breaker Class C2)

The probability of recontact is very low when the capacitor current of the circuit breaker is off, which meets the requirements of class C2.

(Circuit breaker class E2)

The circuit breaker has passed all the tests of Shenyang High Voltage Electrical Equipment Research Institute and Xi 'an High Voltage Electrical Equipment Research Institute Test center. Meet the requirements of class E2. The short-circuit current of the low-current circuit breaker at full capacity is 30 times and that of the high-current circuit breaker is 20 times.

(Circuit breaker level M2)

The circuit breaker has mature integrated operation mechanism, stable and reliable, long mechanical life. It is suitable for frequent operation and can meet the requirements of M2 level. The mechanical life can reach 30,000 times.

(The circuit breaker is equipped with an excellent buffer.)

The specially designed buffer can reduce the turn over when opening and the bounce when closing, and extend the mechanical life of the circuit breaker.

(Circuit breaker installed with nylon insulated tension rod)

The insulated tension bar is made of imported nylon 66 and glass fiber to ensure the strength, flexibility and electrical performance of the circuit breaker.

Timetric 1250A 3 Phase Vacuum Circuit Breaker Details

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