



## TJ-1.14/250 vacuum interrupter for contactor

Brief introduction:

This interrupter adopts “one shut technology”, ceramic shell, CuWC as the contact material; is characterized by high insulation, low stop-flow, strong blowout ability, long life, small size etc, easy to maintain, no explosion risk, pollution-free and low noise etc. Contactors assembled by it are used to control and protect the electricity transmission and distribution system in electrical, mechanical, chemical, metallurgy, mining and railway department, especially in frequent operation fields.

### Main Technical Parameter

Rated Working Voltage:	kV	1.14
Rated Working Current:	A	250
Rated Make Current:	KA/times	2.5/50
Rated break Current:	KA/times	2/50
Maximum Break Current:	KA/times	4.5/3
Rated Short Time Withstand		
Current/Last Time:	KA/S	2/10
Break Time Under		
Rated Current:	times	$6 \times 10^4$
Short Time (1min) Power Frequency		
Withstand Voltage:	KV	10
Contact Resistance		
under Contact Force:	$\mu\Omega$	$\leq 120$
Mechanical Life:	Times	$1 \times 10^6$
Contact Force		
at Atmospheric Pressure:	N	$50 \pm 10$
Max Contact Gap	mm	3
Reaction Force at		
Rated Contact Distance:	N	$70 \pm 15$
Contact Erosion Limit:	mm	1
Max Weight	Kg	0.4
Store Duration	Year	15

### Mechanical Parameter

Rated Contact Gap	mm	$2 \pm 0.2$
Contact Over travel:	mm	$1 \pm 0.2$
Rated Contact Operation Pressure	N	95
Average Break Speed:	m/s	$0.3 \sim 0.5$
Average Make Speed:	m/s	$0.05 \sim 0.15$
Contact Make Bounce Time	ms	$\leq 3$
Three-phase Synchronism	ms	$\leq 1$

