



TJ-1.14/80C 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	80
Rated Make Current:	KA/times	0.8/50
Rated break Current:	KA/times	0.64/50
Maximum Break Current:	KA/times	2/3
Rated Short Time Withstand Current/Last Time:	KA/S	0.64/10
Break Time Under Rated Current:	times	6×10^4
Short Time (1min) Power Frequency Withstand Voltage:	KV	10
Contact Resistance under Contact Force:	$\mu\Omega$	≤ 120
Mechanical Life:	Times	1×10^6
Contact Force at Atmospheric Pressure:	N	12 ± 5
Max Contact Gap	mm	3
Reaction Force at Rated Contact Distance:	N	35 ± 10
Contact Erosion Limit:	mm	1
Max Weight	Kg	
Store Duration	Year	15

Mechanical Parameter

Rated Contact Gap	mm	1.8 ± 0.2
Contact Overtravel:	mm	1 ± 0.2
Rated Contact Operation Pressure	N	70
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	≤ 3
Three-phase Synchronism	ms	≤ 1

