



昆山国力真空电器有限公司

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TJ-1.14/125C Vacuum Interrupter for AC Contactors

Main technical specifications:

Model		TJ-1.14/125C	
Rated Voltage:	KV		1.14
Rated Current:	A		125
Rated Make Current:	KA/times		1.25/50
Rated Break Current:	KA/times		1/50
Maximum Break Current:	KA/times		2.5/3
Rated Short Time Withstand Current/Last Time:	KA/s		1/10
Break Times Under Rated Current:	AC-4		6×10^4
Short Time:	1Min		
Power Frequency Withstand Voltage:	V		10
Thunder and Lighting Shock:	KV		
Circuit Resistance under Rated Contact Pressure:	$\mu\Omega$		≈ 120
Mechanical Life:	Times		1×10^6
Contact Force at Rated Contact Gap:	N		20 ± 3
Max Contact Gap:	mm		3
Reaction Force at Rated Contact Distance:	N		60 ± 10
Contact Erosion Limit:	mm		1
Weight:	kg		0.25
Store Duration:	Year		10
Mechanical Parameter	Rated Contact Gap:	mm	1.8 ± 0.2
	Contact Overtravel:	mm	1 ± 0.2
	Average Break Speed:	m/s	0.3-0.5
	Average Make Speed:	m/s	0.05-0.15
	Rated Contact Operating Pressure:	N	80
	Contact Make Bounce Time:	ms	≈ 3
	Three-phase Synchronism:	ms	≈ 1

