

Hubei Jucro Electric CO., LTD.

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TD-40.5/1600-25(JUC632)



1. Brief introduction

The interrupter adoption porcelain and ceramics lagging makes to insulate the outer shell. Contact is CuCr metal alloy material advanced technique of cup construction, break the discharge big. Insulate the level high, breaking the abiliting strong, the life span is long, mainten anle is sample, no explosion dangerous, no contaminate and the noise is low. The load switch main used electric power, machine, coal mine, chemical engineering, petroleum metallurgy etc. power transmission system used control with protect. more than keeping with at the multifarious operation.

2.vacuum interrupter main technique parameter

Parameter name	Unit	Value
Rated voltage	kV	40.5
Rated normal current	A	1600
Rated frequency	Hz	50
Rated short-circuit breaking current	kA	25
Rated short-circuit making current	kA	63
Rated peak withstand current	kA	63
Rated short-time withstand current	kA	25
Rated short-circuit continuous time	S	4
Rated single capacitor unit breaking current	A	630
Rated back to back capacitor unit breaking current	A	400
Rated short-time (1 min) withstand voltage	kV	95
Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 25
Rated short-circuit breaking current breaking times	OPs	30
Rated lightning impulse withstand voltage	V	185
Mechanical life	OPs	10000
Contact automatic	N	200 ± 50
Force required to hold contacts open at full stroke	N	300 ± 50
Contact-wear allowance thickness	mm	3
Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$

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Shelf life	Year	20
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