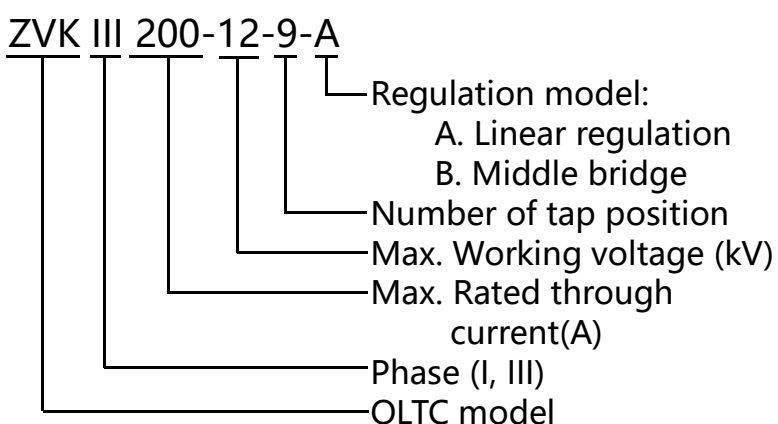


ZVK VACUUM ON LOAD TAP CHANGER

◎ Product Introduction

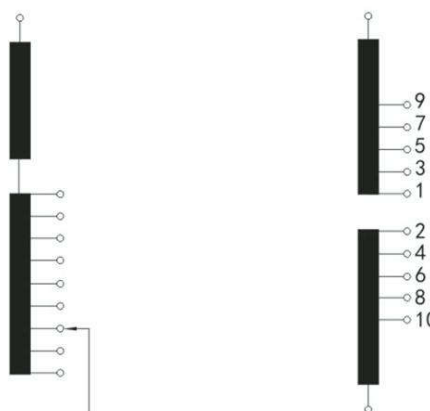
The ZVK dry-type vacuum on-load tap-changer uses a dry-type transformer with a maximum working voltage of 40.5kV, a maximum rated current of 400A, and a rated frequency of 50Hz to change the winding tap position under load to achieve the purpose of voltage regulation.

◎ Model Description



◎ Product features

YK-4 on-load voltage regulating controller can realize manual and automatic control of on-load voltage regulating switch, and monitor the working status and working voltage of on-load tap changer.



A Linear regulation

B Middle bridge



The vacuum interrupter, the core component of the OLTC, adopts the vacuum interrupter produced by Siemens, Germany.



The tap selector is controlled by the Maltese commissioning mechanism with precise action.

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Item	Specifications	III200	III400	I200					
1	Max. rated through current (A)	200	400	200					
2	Rated frequency (Hz)	50 or 60							
3	Connection method	Arbitrary connection							
4	Max. rated step voltage (V)	10kV	-	500					
		20kV	1000	1000					
		35kV	1750	1750					
5	Rated step capacity(kVA)	10kV	20kV	35kV	10kV	20kV	35kV		
		80	300	350	80	300	350		
6	Withstand short circuit capacity (kA)	Thermal (3s)	3		5		3		
		Dynamic (peak)	8		12		8		
7	Operating positions	3 phase Max. 9 step ; Single phase max. 25 step							
8	Insulation level of tap changer (kV)	Rated voltage	10		20		35		
		Max. service voltage	12		24		40.5		
		Power frequency withstand voltage (50Hz, 1min)	To ground & interphase	35		55		95	
			Interstep	3		5		5	
Rated lightning impulse withstand voltage (1.2/50μs)	To ground & interphase	75		125		250			
	Operating frequency	Time between each operation ≥30s							
10	Mechanical life	≥500000 times							
11	Electrical life	≥50000 times							
15	Weight (KG)	About 280							
16	With Intelligent Controller	YK-4							

The stage capacity is equal to the product of the stage voltage and the load current, and the rated stage capacity is the maximum stage capacity allowed continuously.