



◎ Product Introduction

ZD Intelligent Motor Driver Mechanism is used to drive and control on-load tap-changer or off-circuit tap-changer. Connect with automatic voltage regulator or computer to realize automatic control of the system.

◎ Product features

1. Intelligent electrical control: electrical control functions are completed by using microelectronic components, programmable logic, and information technology to replace traditional relays and their logic circuits, and transmit tap positions, control commands, various status signals, and fault signals through communication. .
2. Signal transmission reliability: The use of communication cables to transmit signals has reliable performance, long transmission distance and strong anti-interference ability.
3. Diversity of signal output: The signal transmission has hard contacts and communication transmission, and the user can choose at will. The communication methods are: RS485, TCP/IP network, optical fiber.
4. Convenience of the hand-cranked device: Breaking the traditional hand-cranked operation mode, the hand-cranked device and the hand-cranked operating tool are combined into one.
5. Operational safety: Detachable guard plate-guard plate of electrical and mechanical parts, which can prevent random adjustment and accidental access.
6. Durability of the box cover: The box cover is made of stainless steel, with superior sealing performance and beautiful appearance, which is more in line with the requirements of outdoor use.
7. Tap changer matching versatility: it can be used to drive on-load tap-changers and also to drive off-circuit tap-changers. Convenient for user selection.

©ZD Technical Data

No.	Specifications	Technical Parameter	
1	Motor parameters	Rated power	0.75kW
		Rated voltage	200V/380V 3-phase
		Rated current	3.48A/2.01A
		Rated frequency	50Hz
		Rated speed	1400 r/min
2	Rated torque of drive shaft	18 N.m	
3	Turns of hand crank at one tap change	33	
4	Number of revolutions of the drive shaft at one tap change	33	
5	Running time of one tap change	About 6s	
6	Maximum number of tap positions	35	
7	Control and heating circuit voltage	AC 220V	
8	Heater power consumption	50W	
9	Ground insulation test (power frequency)	2kV . 1min	
10	Protection level	IP66	
11	Mechanical life	≥1000000 times	
12	Weight	About 78kg	