

## CY40 series intelligent tap position monitor

CY40 series intelligent tap position monitor is displaying the tap position, middle position, action state and etc. of tap-changer in the controller which is far away from the tap-changer and motor drive mechanism, and can directly operate the voltage rising, decreasing and emergency trip of tap-changer on the panel; at the same time it can input the passive BCD tap position signal to the computer system. ( CY40A, CY40B still can communicate with computer through RS-485 or RS-232 serial interface ), it is easy for the operator to monitor the tap-changer.



### Main features

Model	Displaying range	Middle position	Outline dimension	Main function
CY40	1-39		160×80×160mm <sup>3</sup>	1.Tap position displaying, tap-changer operation state indicating
CY40-1	1-17	9A, 9b, 9C		2.Output passive BCD code
CY40-2	1-21	11A, 11b, 11C		3.Remote control 1→N, N→1, stop instruction input interface
CY40-3	1-25	13A, 13b, 13C		
CY40-4	1-29	15A, 15b, 15C		
CY40-5	1-33	17A, 17b, 17C		

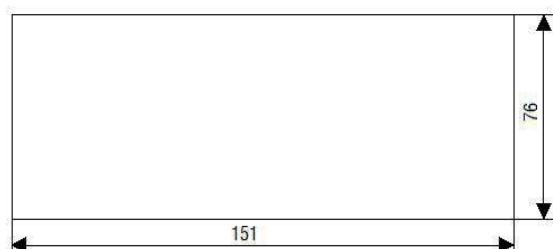
Model	Displaying range	Middle position	Outline dimension	Main function
CY40A	1-39		160×80×250mm <sup>3</sup>	1.Tap position displaying, tap-changer operation state indicating
CY40A-1	1-17	9A, 9b, 9C		2.Output passive BCD code
CY40A-2	1-21	11A, 11b, 11C		3.Remote control 1→N, N→1, stop instruction input interface
CY40A-3	1-25	13A, 13b, 13C		4.Equip with RS-485, RS-232 serial interface
CY40A-4	1-29	15A, 15b, 15C		
CY40A-5	1-33	17A, 17b, 17C		
CY40A-6	Special use for ZMT, ZVMT type on-load tap-changer			

Model	Displaying range	Middle position	Outline dimension	Main function
CY40B	1-39		160×80×250mm <sup>3</sup>	1.Tap position displaying, tap changer operation state indicating 2.Output passive BCD code 3.Remote control 1→N, N→1, stop instruction input interface 4.Equip with RS-485 serial interface 5.Output tap position one-to-one passive connection point (below 19 shifts) 6.Tap position analog quantity output (4-20mA current signal and 1-5V voltage signal)
CY40B-1	1-17	9A, 9b, 9C		
CY40B-2	1-21	11A, 11b, 11C		
CY40B-3	1-25	13A, 13b, 13C		
CY40B-4	1-29	15A, 15b, 15C		
CY40B-5	1-33	17A, 17b, 17C		
CY40B-6				

## Connection method

CY40 series intelligent tap position monitor is connecting with motor drive mechanism through 19 core cable, the auxiliary power supply and action instruction signal is connected by the users themselves.

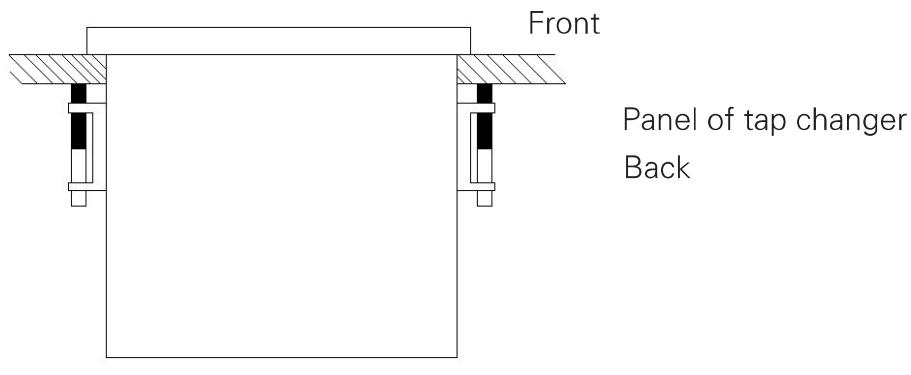
## Installation size and mode



Open hole size

### Technical Parameter

Auxiliary power supply: AC220V±10%50Hz  
Input mode: Decimal code input  
Action delay:2s  
Working temperature:-20℃ -70℃  
Weight: 1.3kg



Installation diagram