

INTELLIGENT SERVO **CONTROLLER DM9990**



PHYSICAL DESCRIPTION

FRONT

The front panel has one row of four digits/characters each. Three smart keys make navigating the parameters very quick and intuitive for viewing data and configuring the Controller (DM 9990).

REAR

The voltage and current terminals are located on the back of the Controller. Refer to “Real panel” line diagram for more information.

AUTO-SCROLL

Auto-scroll allows you to monitor a group of display pages sequentially every six seconds. This is convenient for viewing from a distance. The controller shows the parameter name for one second followed by the value for five seconds.

BUTTON DISCRIPTION



This button is used to increase the parameter value.






This button is used for the selection of parameter.






This button is used to decrease the parameter value.


EDITTING PARAMETER VALUE



Press  Button once to enter in output voltage selection mode.


(Here we can Select required output voltage set value by  or  button)



- Press  Button again to enter in Gap (hysteresis) selection mode.

(Here we can select Gap (hysteresis) in required output voltage set value by  or  button)



- Press  button once again to enter in output voltage High cut mode.


(Here we can select High Voltage cut mode required output voltage set value by  or  button)



- Press  button once again to enter in output voltage High cut Tripping time mode.


(Here we can select high voltage cut tripping time (in seconds) mode required output voltage set value by  or  button)

- Press  button once to enter in output voltage Low cut mode.





(Here we can select high cut mode required output voltage set value by  or  button)

- Press  button once again to enter in output voltage Low cut Tripping time mode.

(Here we can select low voltage cut tripping time (in seconds) mode required output voltage set value by  or  button)

- Press again  button to enter it to Display selection mode. Here we can select display.
A = Ampere value only
In = Input Voltage Only
Out = Out Put Voltage Only
ALL = All values scrolling

SELECT CT VALUE AND TRIPPING METHOD

- First switch off auxiliary Supply and then press the  button.
- While pressing  button switch on the Auxiliary Supply.
- Now you are in CT Selection mode. (Default value is 1000/5)
- Now we can select desire CT Value by  or  button. (It can between 50 to 10,000)

Press  Button again in to Tripping selection


C = Contactor Trip.

Mot = Motor Trip.

Here we can select desired tripping method.

EXIT SETTING MODE

There are two ways from exiting setting mode.

- Leave the controller for more than 10 seconds. It will auto exit after 10 seconds from setting mode.
- Or Press  button repeatedly until you exit from setting button.