

Encoder CN_AV V1 Help

V1.1

Precautions:

- The module is suitable for CTL100AL controller encoder.
- If you have any questions about this module or the help documentation, please contact us.

Module name: Encoder CN_AV V1 Driver

Module function description:

- Support encoder control function.
- Physical interface is Serial or TCP/IP.

Serial port protocol: baud rate: 57600(default) Data bits: 8 Stop bits: 1

Check bit: 0

TCP/IP protocol port: 8000 or 23

Test Environment:

OPS USED FOR TESTING:	CP3N: v1.8000.4522.24170
SIMPL WINDOWS USED FOR TESTING:	4.17.03
DEVICE DB USED FOR TESTING:	200.9500.001.00
CRES DB USED FOR TESTING:	206.05.004.00
SYMBOL LIBRARY USED FOR TESTING:	104
SAMPLE PROGRAM:	3-Series: Test.smw

Parameter Description:

Moduleparameterdescription:

- **[Integer param]Encoder_ID**
Signal used to set encoder id,range from 1~762.
- **[Integer param]DebugMode**
Singal used to set debug mode on or off.

Inputparameterdescription:

- **[Digital input]Get_Enc_Status**

- Signal used to get the encoder current status .
- **[Digital input]Enc_Led_On**
Signal used to set the encoder flash power LED.
 - **[Digital input]Enc_Led_Off**
Signal used to Set the encoder disable flash power LED .
 - **[Digital input]Enc_Led_90**
Signal used to set the encoder flash power LED 90 seconds.
 - **[Digital input]Enc_Audio_Input_HDMI**
Signal used to set the encoder audio input HDMI .
 - **[Digital input]Enc_Audio_Input_ANA**
Signal used to set the encoder audio input embedded analogue L/R.
 - **[Digital input]Enc_IR_Vol_5V**
Signal used to set the encoder IR voltage 5V.
 - **[Digital input]Enc_IR_Vol_12V**
Signal used to set the encoder IR voltage 12V .
 - **[Digital input]Enc_IO_Vol_5V**
Signal used to set the encoder IO voltage 5V.
 - **[Digital input]Enc_IO_Vol_12V**
Signal used to set the encoder IO voltage 12V .
 - **[Digital input]Enc_IO1_Dir_In**
Signal used to set the encoder IO 1 as input port.
 - **[Digital input]Enc_IO1_Dir_Out**
Signal used to set the encoder IO 1 as output port.
 - **[Digital input]Enc_IO2_Dir_In**
Signal used to set the encoder IO 2 as input port.
 - **[Digital input]Enc_IO2_Dir_Out**
Signal used to set the encoder IO 2 as output port.
 - **[Digital input]Enc_IO1_Out_Low**
Signal used to set the encoder IO 1 output low(0) level .
 - **[Digital input]Enc_IO1_Out_High**
Signal used to set the encoder IO 1 output high(1) level.
 - **[Digital input]Enc_IO2_Out_Low**
Signal used to set the encoder IO 2 output low(0) level .
 - **[Digital input]Enc_IO2_Out_High**

- Signal used to set the encoder IO 2 output high(1) level.
- **[Digital input]Enc_Relay1_Open**
Signal used to set the encoder relay 1 to open.
 - **[Digital input]Enc_Relay1_Close**
Signal used to set the encoder relay 1 to close.
 - **[Digital input]Enc_Relay2_Open**
Signal used to set the encoder relay 2 to open.
 - **[Digital input]Enc_Relay2_Close**
Signal used to set the encoder relay 2 to close.
 - **[Digital input]Enc_SAC_Off**
Signal used to set the encoder disable ARC and CEC.
 - **[Digital input]Enc_SAC_CEC**
Signal used to set the encoder select CEC.
 - **[Digital input]Enc_SAC_ARC**
Signal used to set the encoder select ARC .
 - **[Analog input] Enc_Arc_Switch_Dec**
Signal used to set the encoder switch ARC only signals. The signal is range from 0~762.
 - **[Serial input]Enc_Name**
Signal used to set encoder name.
 - **[Serial input]From_Device**
Signal used to receive character from the connected device.

Outputparameterdescription:

- **[Serial output]To_Device**
Signal used to send character command to the connected device.