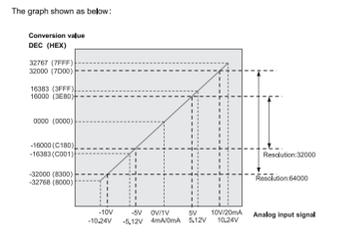




The user display configuration is determined by index 0x80n0.01, where the user can modify the working mode of the channel to display values in different measurement ranges. The analog module has a 16-bit resolution and the maximum display range is -32768... to +32767... The measured and displayed values in different modes are as follows:

Table with 3 columns: Input/output signal, Value, and Hexadecimal. It shows conversion ranges for various input types like 10V/20mA, 0V/5V, etc.



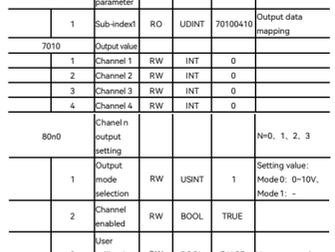
3.1.9 Analog output module specifications

Table with 2 columns: Items and Description. It lists specifications for output channels, signal voltage, current, accuracy, resolution, channel data refresh time, voltage load, current load, QBUS over consumption, electrical isolation, process image bit width, weight, working temperature, storage temperature, relative humidity, dimensions, installation, vibration/shock resistance, EMC resistance burst/static resistance, protection level, and certificate.

Large table for parameter mapping. It includes sections for PDO mapping (Index, Name, Channel) and Parameter setting (Index, Sub-index, Description, R/W, Type, Default, Notes). It details settings for channels 1-4 and various parameters like device type, error register, device name, hardware version, software version, restore default, sync manager type, sub-index, and output value.

The user display configuration is determined by index 0x80n0.01, where the user can modify the working mode of the channel to display values in different measurement ranges. The analog module has a 16-bit resolution and the maximum display range is -32768... to +32767... The measured and displayed values in different modes are as follows:

Table with 3 columns: Input/output signal, Value, and Hexadecimal. It shows conversion ranges for various input types like 10V/20mA, 0V/5V, etc.



3.1.12 Temperature measurement module specifications

Table with 2 columns: Items and Description. It lists specifications for input channel, power input, signal voltage, setting, input filter limit frequency, resolution, warm-up time, absolute maximum rating, conversion time, and temperature range.

Table for parameter setting. It includes sections for PDO mapping (Index, Description, R/W, Type, Default, Notes) and Temperature range for thermocouple and Thermal resistance. It details settings for channels 1-4 and various parameters like channel 1/2/3/4 disconnection detection, sensor type, filter word selection, cold-end setting, set temperature unit, and disconnection detection switch.

Table for parameter mapping. It includes sections for PDO mapping (Index, Description, R/W, Type, Default, Notes) and Temperature range for thermocouple and Thermal resistance. It details settings for channels 1-4 and various parameters like channel 1/2/3/4 disconnection detection, sensor type, filter word selection, cold-end setting, set temperature unit, and disconnection detection switch.

Table for performance parameters. It includes sections for Sampling speed, Disconnection detection OFF, Disconnection detection ON, Sampling accuracy, and Connector wiring. It details parameters like TC, PT, and various wiring specifications.

Section 3.2 Wiring Description. It includes 3.2.1 Cable selection and connector wiring (Cable selection table), 3.2.2 Connector installation (steps and diagrams), and 3.2.3 Connector wiring (steps and diagrams).

Table for cable selection. It includes columns for Item and Specifications. It lists specifications for installation method, push force, cable type, cable length, cross section, and sleeve.

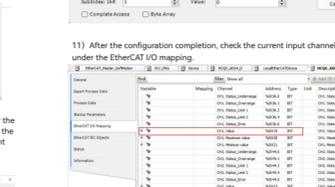
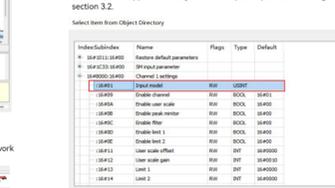
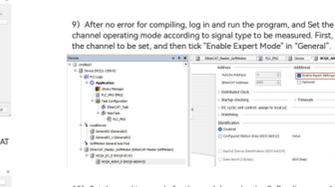
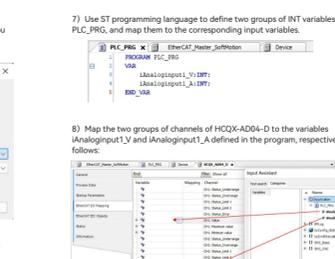
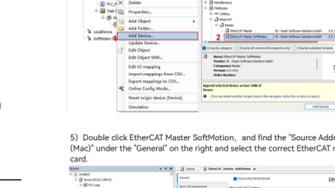
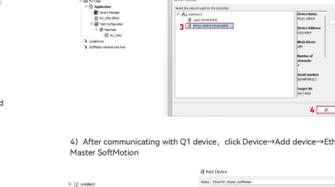
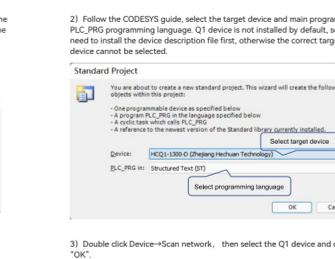
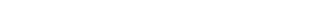
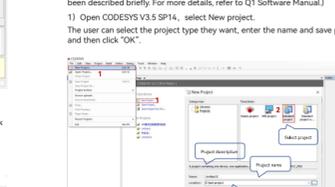
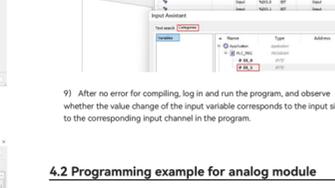
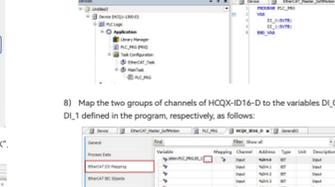
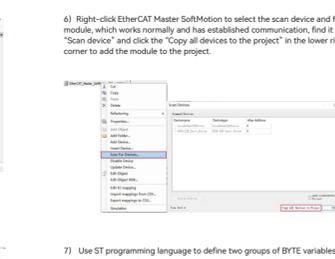
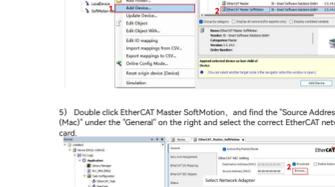
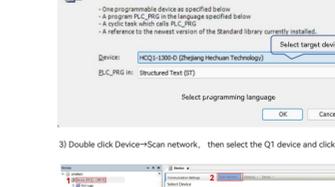
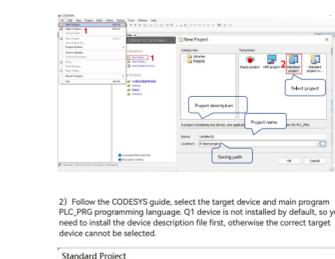
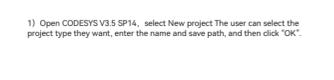
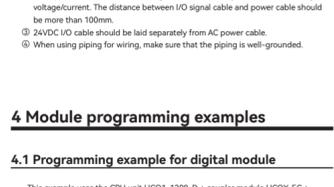
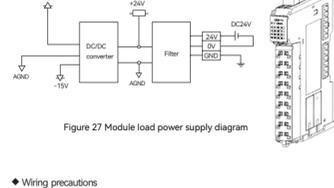
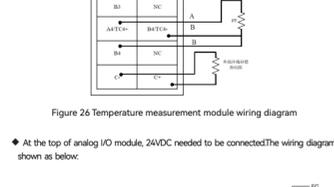
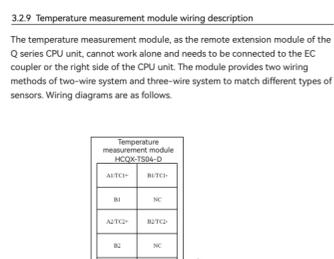
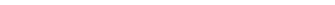
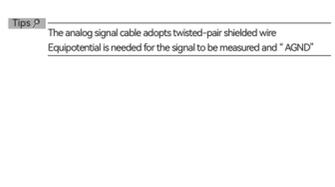
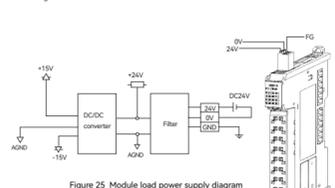
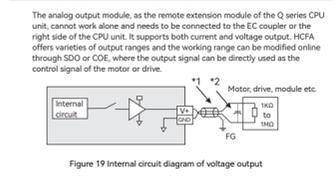
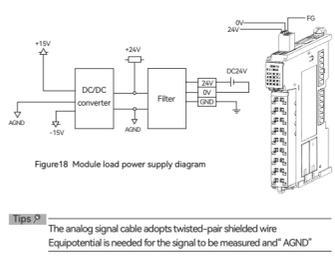
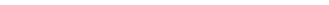
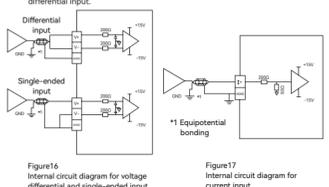
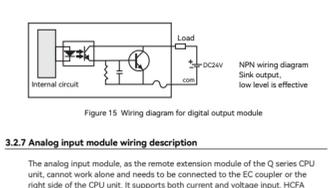
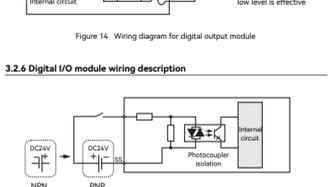
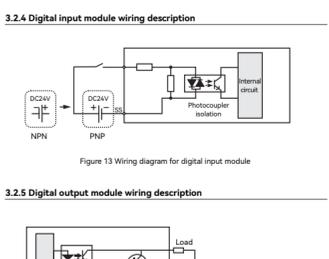
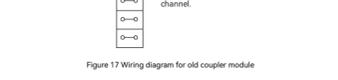
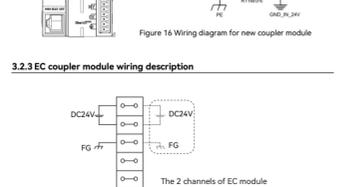
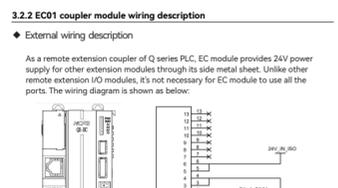
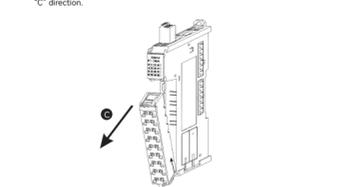
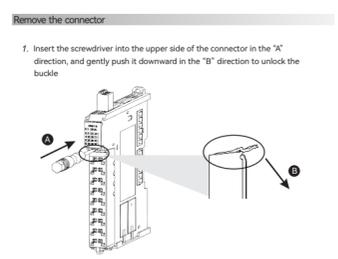
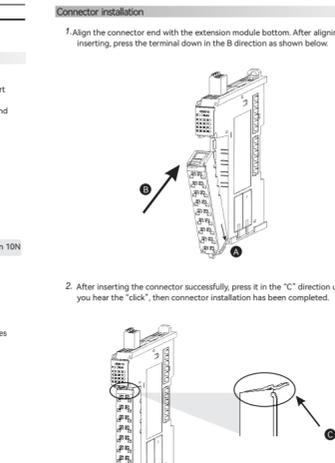


Table for 4 Module programming examples. It includes sections for 4.1 Programming example for digital module and 4.2 Programming example for analog module. It details steps for opening CODESYS, selecting project type, and configuring the module.

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + digital module HCXQ-ID16-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + analog module HCXQ-A004-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + analog module HCXQ-A004-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + analog module HCXQ-A004-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + analog module HCXQ-A004-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)

This example uses the CPU unit HQ1-1300-D + coupler module HCXQ-EC + analog module HCXQ-A004-D as an example to illustrate: (Q1) connection has been described briefly. For more details, refer to Q1 Software Manual.)