

Analog Expansion Module

EX24



- Programmable Input Type
- 16 Analog Input Channels
- DIN Rail Mounting

Analog Expansion Module EX24 is extension analog input for Analog Input Module AI210 which will provide total of 24 channels of analog inputs and there is all programmable input.

Specifications

Analog Input

Number of channel: 16 Channels

Input type: Programmable Input (AI210, DL2200 Module)

ADC Resolution: 16 Bits

Isolation: Relay Isolated

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W160 x H90 x D60 mm.

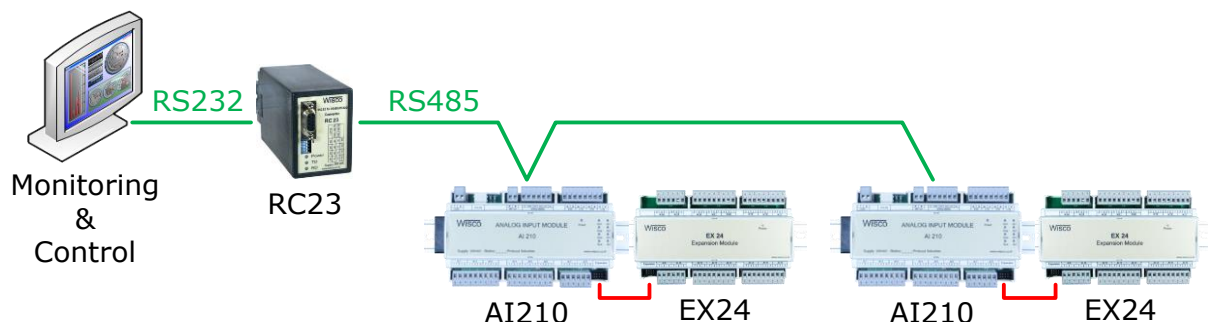
Mounting: DIN Rail

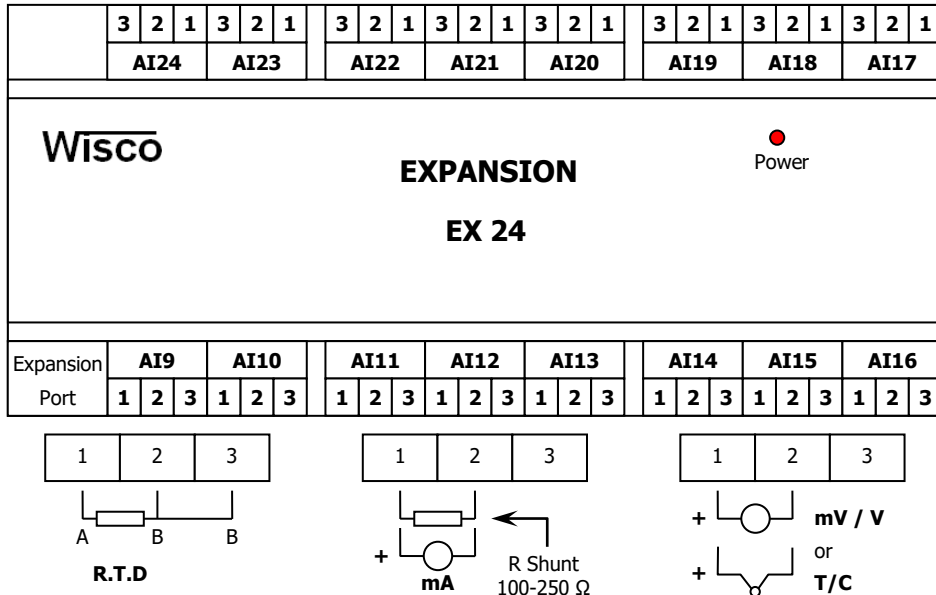
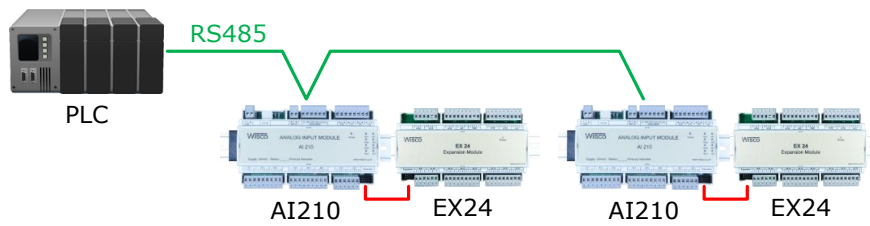
Warranty

Warranty Period: 5 Year

Package Checklist

1. EX24
2. Resistor 250 Ω





รหัสและย่านการวัดของช่องสัญญาณ **Analog** แต่ละชนิด

Code	Input Type		Measuring Range	Resolution	Accuracy (%FS) @25 °C
00	Not Use		-	-	-
01	Thermocouple	R	0 – 1700 °C	1 °C	± 0.2% (3.4 °C)
02		S	0 – 1700 °C	1 °C	± 0.2% (3.4 °C)
03		K	(-)250.0 – 1300.0 °C	0.1 °C	± 0.2% (2.6 °C)
04		E	0.0 – 1000.0 °C	0.1 °C	± 0.2% (2.0 °C)
05		J	(-)200.0 – 700.0 °C	0.1 °C	± 0.2% (1.4 °C)
06		T	(-)250.0 – 400.0 °C	0.1 °C	± 0.2% (0.8 °C)
07		B	0 – 1800 °C	1 °C	± 0.2% (3.6 °C)
08	R.T.D. Pt100		(-)200.0 – 800.0 °C	0.1 °C	± 0.2% (1.6 °C)
09	Voltage(mV) 0 – 100		0.00 – 100.00 mV	0.01 mV	± 0.02% (0.02 mV)
10	Voltage (V)	0 – 5	0.000 – 5.000 V	0.001 V	± 0.04% (0.002 V)
11		0 – 10	0.000 – 10.000 V	0.001 V	± 0.02% (0.002 V)
12	Current (mA)	0 – 20	0.00 – 20.00 mA	0.01 mA	± 0.1% (0.02 mA)
13		0 – 40	0.00 – 40.00 mA	0.01 mA	± 0.05% (0.02 mA)