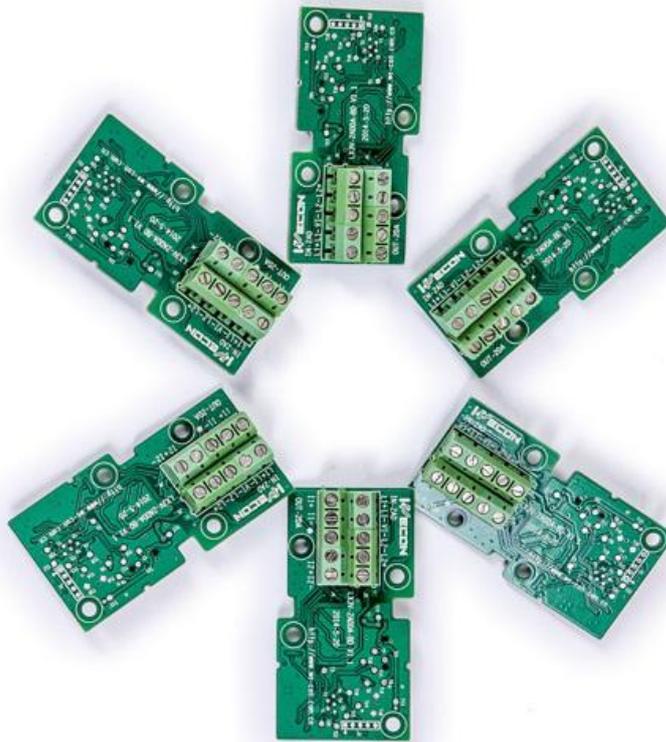


WECON

LX3V-2AD2DA

BD



WECON Technology Co.,Ltd.

Website: <http://www.we-con.com.cn/en>

Technical Support: liux@we-con.com.cn

Skype: fcwkkj

Phone: 86-591-87868869

LX3V-2AD2DA-BD

1. Mounting instruction

Make sure to power off the PLC before mounting the 2AD2DA module.or removing the top cover of PLC, fix the BD board to the PLC.

Caution: when output current, make sure that the load resistance should be less than 500Ω, otherwise the output will be lower.

Warring: make sure to power off the PLC before mounting or removing the BD module.and put the cover in right place.

2. Special feature

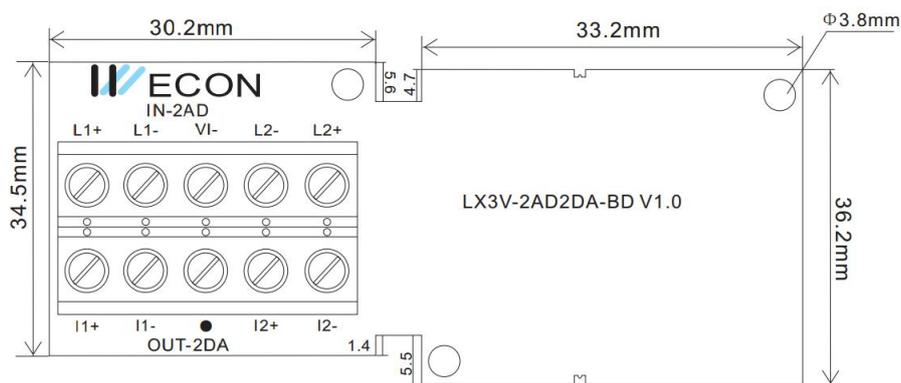
1). LX3V-2AD2DA-BD module equips with 2 channels analog input and 2 channels analog output. This module will be mounted in the PLC.

2). The input current of LX3V-2AD2DA-BD module between 4 to 20mA, and the digital value will be saved in special system address, but the numerical relationship between input and output value can not be changed.

Table 1.1 The description of system address

Address	Description
D8112	The digital value of channel 1
D8113	The digital value of channel 2
D8114	The digital value of channel 3
D8115	The digital value of channel 4

3. Dimension



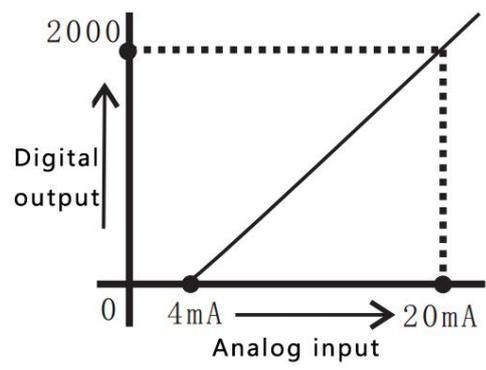
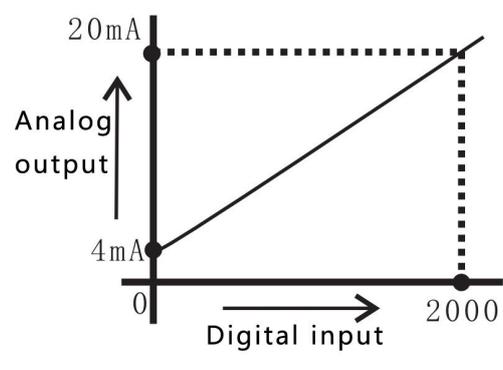
IN-2AD Output current range: 4~20mA		IN-2DA Output current range: 4~20mA	
L1+	Anode of the channel 1 current input	I1+	Anode of the channel 1 current output
L1-	Cathode of the channel 1 current input	I1-	Cathode of the channel 1 current output
VI-	No connection	•	No connection

L2+	Anode of the channel 2 current input	I2+	Cathode of the channel 2 current input
L2-	Cathode of the channel 2 current input	I2-	Cathode of the channel 2 current output

Only one LX3V-2AD2DA-BD module in LX3V PLC can be recognized.

4. Specification

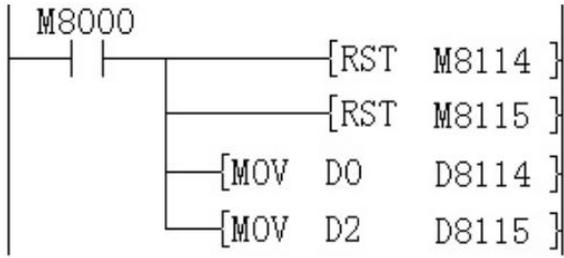
- 1). You may refer to the LX3V User manual for the general specification of LX3V-2AD2DA-BD.
- 2). Power supply from LX3V.

item	Specification	
	Current input	Current output
Input range	DC4~20mA (Input resistance:150Ω) Max input: -2mA~60mA	DC4~20mA (Load resistance should be less than 500Ω)
Digital output	12 bits binary	12 bits binary
Resolution	8uA	12 bits binary
Precision	±1%	±1%
AD conversion time	One PLC scanning cycle	One PLC scanning cycle
Characteristic		
Insulation	No insulation in each PLC channel	
Occupied points	Zero point	Zero point

5. Wiring

Caution:

- 1). Don't put the LX3V-2AD2DA-BD module near high-voltage power cable. Keep away the power cable at least 100mm.
- 2). Do not soldering any terminal with the others device.



Set channel 1 as current output(4~20mA)

Set channel 2 as current output(4~20mA)

Save the value of D0 to channel 1

Save the value of D2 to channel 2