



# MCDC706

## Ports details

X1: control signal input / output

Terminal block	Sign	Name	Note
1	DIR+	Positive direction input	High effective
2	DIR-	Negative direction input	Low effective
3	PUL+	Pulse positive input	High effective
4	PUL-	Pulse negative input	Low effective
5	ERC+	Positive servo reset input	High effective
6	ERC-	Negative servo reset input	Low effective

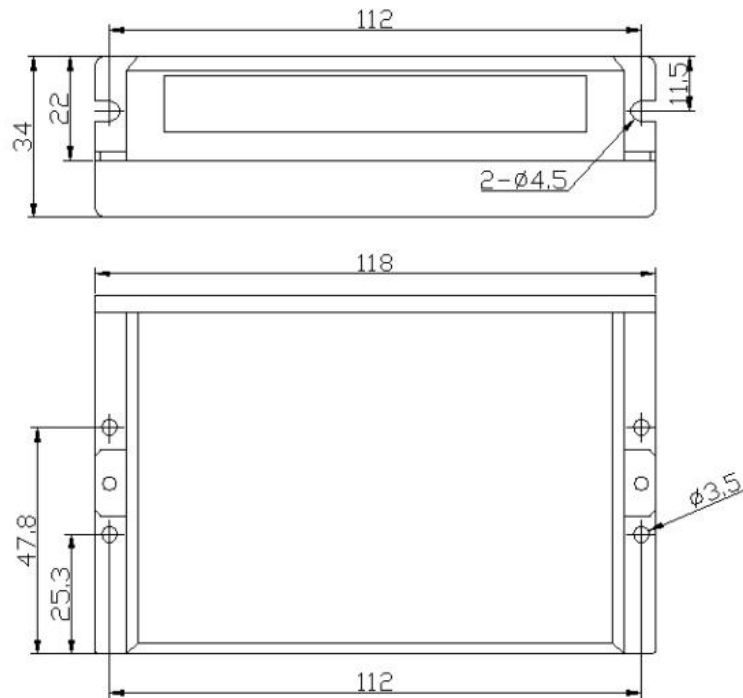
X2: feedback signal input of encoder

Terminal block	Sign	Name	Note
1	GND	Output power ground	
2	PB-	Negative input of encoder B phase	
3	PB+	Positive input of encoder B phase	Single end connection
4	PA-	Negative input of encoder A phase	
5	PA+	Positive input of encoder A phase	Single end connection
6	VCC	Output power	

X3: power

Terminal block	Sign	Name	Note
1	S-	Motor terminal S-	Motor armature
2	S+	Motor terminal S+	Motor armature
3	VDC	Input DC power	
4	GND	Input power ground	

## Installation dimension



## wiring diagram

The typical wiring diagram of the servo system is as follows:

This drive can provide +5V to the encoder and maximum 80mA power supply. Counting by four times frequency. Encoder resolution 4 times is the number of pulses per revolution of the servo motor.

