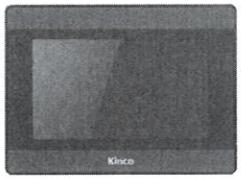
M070 HMI

Installation Instruction



Kinco Electric (Shenzhen) Ltd.

Add：Building 1, No. 6 Langshan 1st Rd, Hi-tech Park North, Nanshan, Shenzhen, China.

1. Installation Note

1.1 Environmental Requirement

Operating temperature: M070 HMI can work stably in most industrial environments that the temperature between 32°F to113°F (0~45°C).

NEMA rating: This Series HMI frontpanel is NEMA 1 rated.

Please do not use in the following places:

- Places direct in sunlight
- Surroundingtemperature and humidity beyond the specifications
- Places of temperature changes sharply and easily cause condensation
- Places that exist corrosive gas and combustible gas
- Places of much dust, dirt, salt and iron powder
- Places that will be splashed water, oil and drugs
- Places that bring direct vibration and shock to host

Pleasetakeshielding measures in the following places:

- Places that exist electrostatic or other kinds of noise
- Places of strong electromagnetic
- Places that may be exposed to rays
- Places near the power

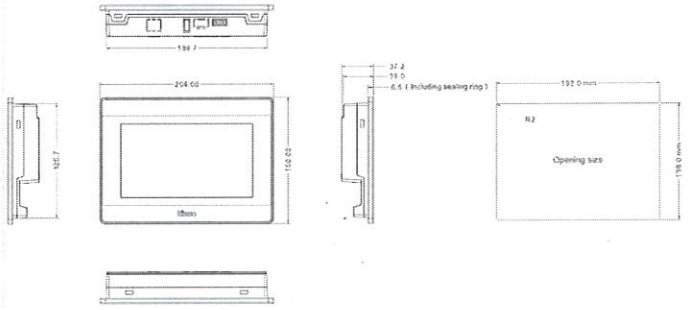
1.2 Power Requirement

- Input voltage:DC10.8 V～DC28V.
- Particularly note that there must be enough distance between this product and converters or switch mode power supply. Make sure that the input and output cables of that kind equipment are shield cable and the shielding network is connected with the ground.
- Make sure that the DC power and AC power is isolated.
- Do not use common power with perceptual load or input circuit of the controller.

Note: An Internal fuse will prevent damage for over voltage condition, however it isn't guaranteed the internal electronic components are not damaged.

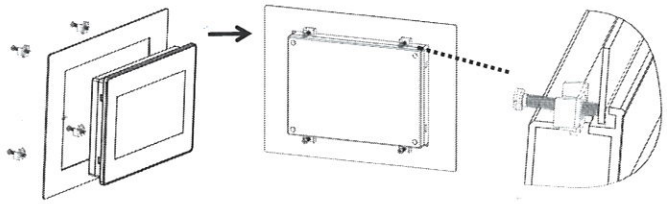
2.Installation Description

2.1DimensionalDrawing



2.2 Fixed Screw Installation Instructions

The product is put into the well mounted hole of the machine control box's panel, and the mounting screws are inserted into the fixing holes around the HMI shell from the back of the control box's panel. Recommended lock torque: 0.5N.m (to waterproof effect and avoid hell deformation)



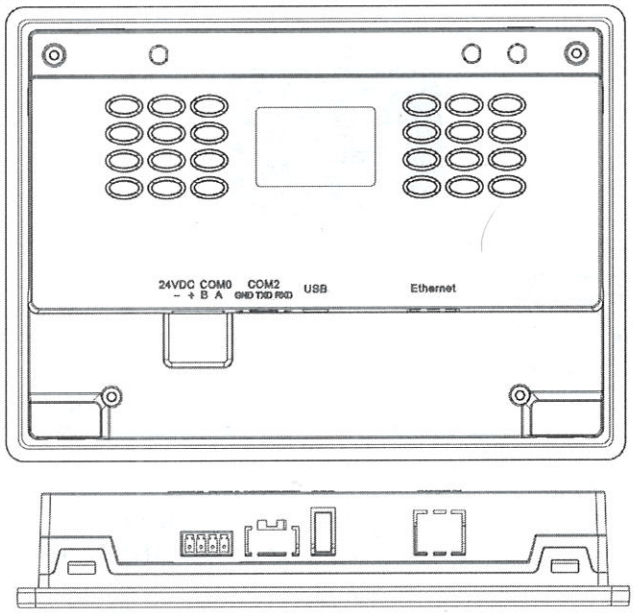
2.3 Power Connection

Before connecting the power, please make sure all local and national electrical standards are met.For power cables,please select cables with their dielectric strength values and current values in compliance with the safety specifications.

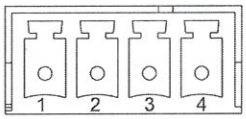
First find the power terminal at the back of the product and loosen the screw according to counterclockwise, then insert the power cables and tighten the screw up.

Connect positive DC line to the '+' terminal, negative DC line to the '-' terminal.

3.External Interface



3.1 POWER/COM0



Pin#	Signal	Description
1	-	DC24V
2	+	
3	RS485 B	COM0
4	RS485 A	

3.2 COM2

Pin#	Signal	Description
1	GND	Signal ground
2	TXD	RS232 TXD
3	RXD	RS232 RXD

3.3 USB HOST

Connection	Connect with USB interface devices or U disks
Port Function	This interface can be connected with USB keyboard, mouse and printers, and the U disk can be used for user's configuration uploading/ downloading as well as data storage.

4.After-sales Service

For < Service Terms and Conditions for HMI >, please check:http://www.kinco.cn