Mitsubishi □□ □□□ □□□ Series Service Manual

FX2N-128MT-001

1. Description

Manufacturer: Mitsubishi Electric

3. Product Information

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Manufacturer: Mitsubishi Electric

Product no : FX2N-128MT-001

Product type : Fx2n Series Programmable Controllers

Total number of I / O channels : 128

Unit type : MPU - main unit

Output type : Transistor

MITSUBISHI FX2N-128MT-001 Product information and technical parameters

Brand: MITSUBISHI

Name: PLC

Model: FX2N-128MT-001

Max input / output points: 128 points.

Power supply voltage: DC24V.

Input points: 64 points.

Output points: 64 points.

Output type: transistor.

Power consumption: 100VA.

Weight (kg):1.8.

Size (WxHxD) mm:350x90x87.

Since the FX2n series have the following features: the maximum range of inclusive of the standard features, program execution faster, the full complement of communication function, suitable for different countries in the world, and the power to meet a large number of special function modules of individual needs,

It can provide maximum flexibility and control capability for your factory automation applications.

Control 16~256 point.

Built in 8K capacity of the RAM memory, the maximum can be extended to 16K.

CPU arithmetic processing speed of 0.08 S/ basic instructions.

On the right side of the FX2N series can be connected to the input and output expansion modules and special function modules.

The basic unit is built in the 2 axis independent maximum 20kHz positioning function (transistor output type).

Quick disconnect the terminal block, which adopts excellent maintainability to quickly disconnect the terminal blocks, even if the cable is then replaced by the cable.

Analog input: 2.

Analog output points: 1 points.

Weight: 0.1kg.

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FX3 series can be connected to the 2 channel input (voltage: DC0~10V, or current DC4~20mA), as well as 1 channel output (DC0~10V, or current: DC4~20mA) of the adapter.

Each channel can be specified as a current input or voltage input.

Connecting FX3SA, FX3S, FX3GA, FX3G, and FX3U main body, the need to convert the adapter or function expansion board FX2N-128MT-001 FX2N-128MT-001 Input points: 16 points.

AC input signal type. Specifications: HPP mainframe, cable.Input and output points: 40 points.

Power supply: DC24V.

Input points: 24 points.

Output points: 16 points.

Output form: transistor output (drain).

Power consumption: 25W.

Weight: 0.7KG.

Outline dimension: 130x90x86mm FX2N-128MT-001.

FX3GE on the performance of the FX3GA increased analog input / output and Ethernet communication and other built-in features.

Applicable to a wide variety of applications.

Basic unit: 24/40 point.

Third generation standard model.

High flexibility.

Suitable for small scale control of high cost PLC.

Control points to 128 points, the use of CC-Link remote I/O can control the maximum 256 points FX2N-128MT-001.

A versatile PLC.

Built in CPU, power supply, input and output, analog input and output, Ethernet port, can be used immediately after the purchase.

High speed operation.

Basic instructions: 0.21 s/ instruction.

Application instruction: 0.5 s/ instruction.

Large capacity memory.

Built in program memory 32000 steps.

EEPROM memory cartridge with program transfer function. Max input / output points: 48 points.

Power supply voltage: 24VDC.

Input points: 24 points.

Output points: 24 points.

Output type: Transistor (source).

Power consumption: 35W.

Weight (kg):0.85.

Size (WxHxD) mm:182x90x86.

Built in CPU, power supply, input and output. By using a rich variety of functional extension boards and special adapters,

Can achieve high precision control.

Based on the function of FX2N has been greatly strengthened and enhanced.

High speed operation.

Basic instructions: 0.065 s/ instruction.

Application instruction: 0.642 s/ instruction.

Large capacity memory.

Built in program memory 64000 steps.

Flash memory cartridge with program transfer function.

Authentication

Corresponding EN and UL/cUL authentication.

Faster and more efficient. Support high speed control and network communication, and have the function of data recording.

High speed, large capacity, multi-function high-end machine.

FX3U supports high speed processing, CC-Link communication, network communication, analog control and advanced positioning system.

Connected to the CC-Link, including the remote I/O, the maximum input and output control points up to 384 points,

Can correspond to a variety of field needs, the use of its scalability and flexibility to expand the scope of application of the control system.

Third generation high functioon micro programmable controller FX2N-128MT-001.

High speed, high efficiency, high performance, large capacity, and new features.

Built in high speed processing and positioning.

Control points: maximum 256 points.

Use CC-Link remote I/O for 384 poinnts FX2N-128MT-001.

Auxiliary relay: 7680 points.

Timer: 512 points.

Counter: 235.

Data register: 8000.

Extended register: 32768 point.

Extended file register: 32768.

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