

FL2N PLC

FLEXEM PLCs

- Programming Language: Ladder diagram/standard C program (both can be used).
- Communication Protocol: RS232 x1, RS485 x1, Supporting Mitsubishi FX2N and Modbus RTU communication.
- Programming Port: USB connection.
- High-speed Interrupt: X0-X5 rising and falling edge interruption, 3-way timing interruption.

FL2N-4TCPT

01



* CPU:ARM Cortex™-M3 CPU

* Analog Input:4 line thermol resistor or thermocouple Thermocouple: (B,C,E,J,K,N,R,S,T model) Thermol resistor: (PT100, PT1000,Cu50, Cu100) NTC

Hardware

CPU	ARM Cortex™-M3 CPU
Analog Input	4 line thermol resistor or thermocouple Thermocouple: (B,C,E,J,K,N,R,S,T model) Thermol resistor: (PT100, PT1000,Cu50, Cu100) NTC
User Program Memory	200K Bytes(>10K Bytes)
Involatile Data Memory	2K Bytes
Timer	256 100ms timer x206(0.1~3276.7 seconds),10ms timer x46(0.01~327.67 seconds), 1ms timer x4(0.001~32.767 seconds)
Counter	235
High-speed Interrupt	X0-X5 rising and falling edge interruption, 3-way timing interruption
Program Execution Model	Cycling scanning
Execution Speed	0.1us/1000AWL ON:5us/OFF:5us)
Programming Language	Ladder diagram/standard C program (both can be used)
Communication Protocol	RS232 x1, RS485 x1, Supporting Mitshubish FX2N and Modbus RTU communication

Electrical Specifications

Power Consumption	4W
Input Power	DC24V , Input Range:DC 18V~32V
Power Protection	Isolated Power,protect from thunderstrike and surging
Power Down Allowed	<5ms
CE & RoHS	Complied with EN61000-6-2:2005 , EN61000-6-4:2007,CE RoHS,Surge Immunity:±1KV, EFT:±2KV, ESD:4KV, Air:8KV

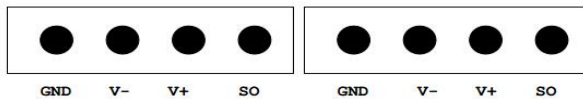
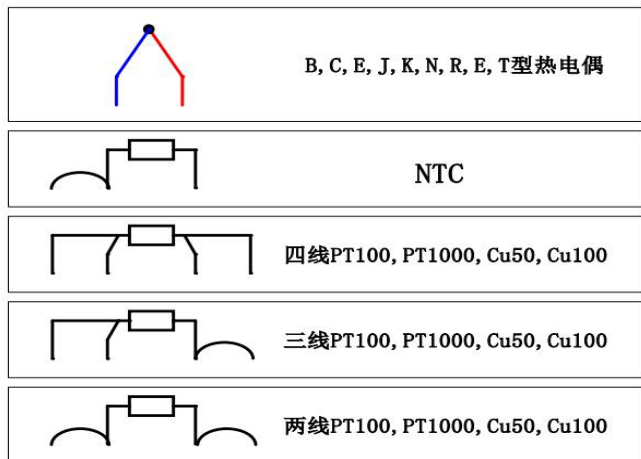
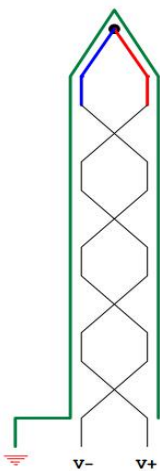
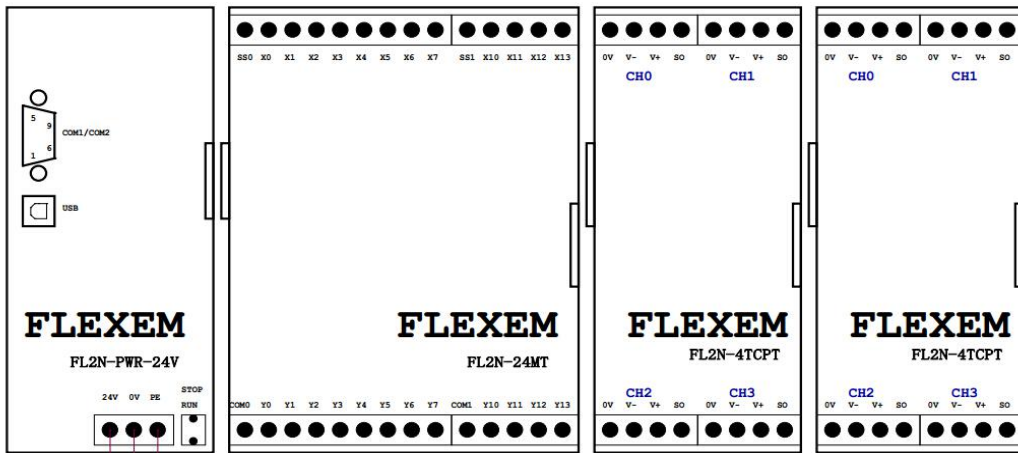
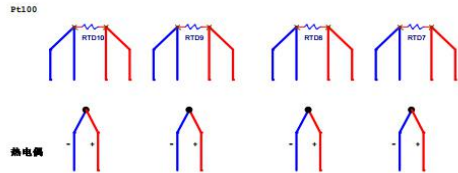
Environment Specifications

Operation Temperature	-20 ~ 70°C
Storage Temperature	-30 ~ 80°C
Operation Humidity	10~90%RH (No condensation)
Cooling	Natural cooling

Connection Diagram

表1: 串行通信&USB 引脚定义

PORT1: RS-232	2	RS232-RXD(接收)
	3	RS232-TXD(发送)
	5	GND(信号地)
PORT2: RS-485	1	RS485-(485差分信号-)
	6	RS485+(485差分信号+)
USB		PC-USB, 下载/调试/监控



接线示例

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