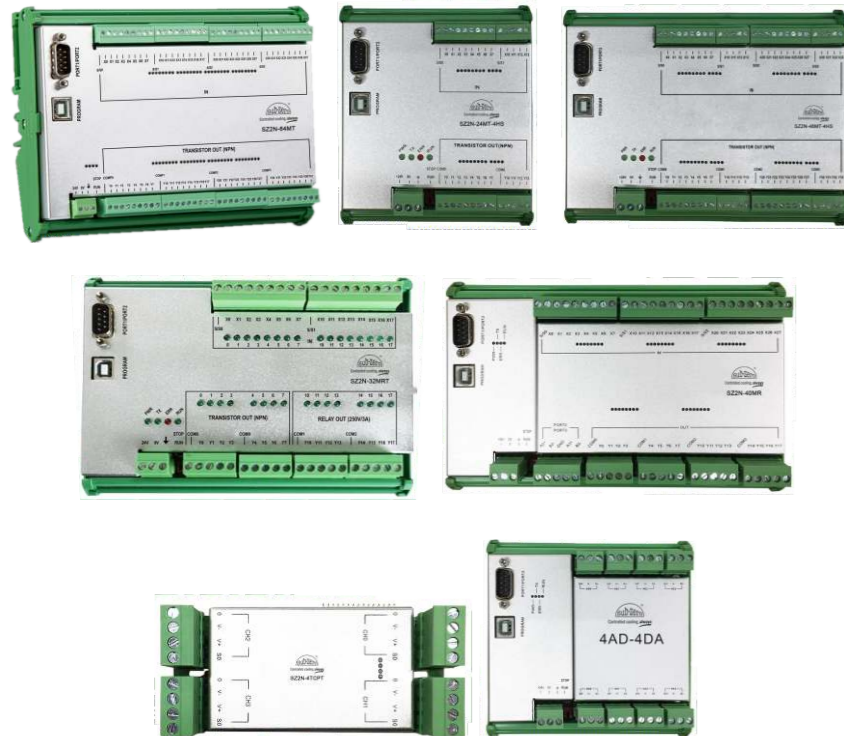


# PLC

## SZ2N SERIES PLC Simple Controlling, Easy-usage



### Strong Functions & Competitive Advantages Reliable Quality and Strong Anti-interference Complete Setting, Easy-usage, Flexible Application



### Powerful User-defined Database Easy programming and less work for testing.



Model	SZ2N-24MT-4HS	SZ2N-32MRT	SZ2N-40MRT	SZ2N-48MT-4HS	SZ2N-64MT	SZ2N-4AD-4DA	SZ2N-4TCPT
<b>CPU</b>				ARM 32-bit Cortex-M3 CPU			
<b>Digital Input</b>	12 Input x12, supporting source/drain type	16 High-level input x4, general input x12, supporting source/drain type	24 High-level input x4, general input x20, supporting source/drain type	24 NPN transistor inputx24, supporting source/drain type	32 NPN transistor Input x32, supporting source/drain type	N/A	N/A
<b>Digital Output</b>	12 NPN transistor power output x12	16 NPN transistor high-level output x4, NPN transistor power output x4, relay outputx8	16 NPN transistor power output x16, or PNP transistor power output x16, or transistor power output x8+relay outputx8	24 NPN transistor output x24	32 NPN transistor power output x32	N/A	N/A
<b>High-Speed Input</b>	2-way AB input/4-way separate high-speed counting	2-way AB input/4-way separate high-speed counting	2-way AB input/4-way separate high-speed counting	2-way AB input/4-way separate high-speed counting	N/A	N/A	N/A
<b>High-Speed Output</b>	4-way high speed surge immunity output (100kHz x2, 20kHz x2)	4-way high speed surge immunity output (100kHz x2, 20kHz x2)	4-way high speed surge immunity output (100kHz x2, 20kHz x2), only transistor output	4-way high speed surge immunity output (100kHz x2, 50kHz x2)	N/A	N/A	N/A
<b>Analog Input</b>	N/A	N/A	N/A	N/A	N/A	4 pass AD, 12-digit isolated ADC, voltage input: 0V~+10v (Input impedance>500kΩ) Power input: 0mA~+20mA (input impedance=10Ω)	4 line thermol resistor or thermocouple /Thermocouple: (B,C,E,J,K,N,R,S,T model) Thermol resistor:(PT100, PT1000,Cu50,Cu100) NTC
<b>User Program Memory</b>	200K Bytes(>10K Bytes)						
<b>Involatile Data Memory</b>	2K Bytes						
<b>Timer</b>	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)						
<b>Counter</b>	235						
<b>High-speed Interrupt</b>	X0-X5 rising and falling edge interruption, 3-way timing interruption						
<b>Program Execution Model</b>	Cycling scanning						
<b>Execution Speed</b>	0.1us/1000AWL ON:5us/OFF:5us)						
<b>Programming Language</b>	Ladder diagram/standard C program (both can be used)						
<b>Programming Port</b>	USB connection						
<b>Electrical Specifications:</b>							
<b>Power Consumption</b>	4W						
<b>Input Power</b>	DC 24V, Input Range: DC 18V~28V						
<b>Power Protection</b>	Isolated Power, protect from surging and thunderstrike						
<b>Power Down Allowed</b>	<5ms						
<b>CE &amp; ROHS</b>	Complied with EN61000-6-2:2005, EN61000-6-4:2007 standard, ROHS Surge Immunity: ±1KV, EFT:±2KV, ESD:4KV, Air: 8KV						
<b>Environment Specifications:</b>							
<b>Operating Temperature</b>	-20~70℃						
<b>Storage Temperature</b>	-30~80℃						
<b>Operation Humidity</b>	10~90%RH(No condensation)						