* Refer to our website for details of product.

CUS CE **RoHS compliance**

*1 Conforming to Low Voltage Directive, EMC Directive

Related Information   ■ General terms and conditions............. F-3

panasonic.net/id/pidsx/global

Features

- **Scanning time of 1 ms for 20 k steps**

  FP2SH enables to run 20 k steps program at 1 ms. It will dramatically decreased tact time and high-speed device.

- **Large programming capacity of up to 120 k steps**

  Both the large programming capacities of 32 k, 60 k and 120 k are available depending on the model.

- **Optional small PC card is also available.**

  The small PC card is available for programming backup or data memory expansion. This allows data processing of great amounts of data.

- **Built-in comment and calendar timer functions**

Scanning time of 1 ms for 20 k steps
A high-performance model for high-speed operation

POWER SUPPLY / I/O SPECIFICATIONS

Item	Descriptions
Power supply	100-120 V AC / 200-240 V AC / 100-240 V AC / 24 V DC (varies with different models)
Input	12 to 24 V DC / 24 V DC ±common
Output	Relay 2 A to 5 A, Transistor 0.1 A to 0.5 A (varies with different models)

SPECIFICATIONS

Item		Descriptions
Number of I/O points		Up to 768 points per one boad
Expansion	Standard	Up to 1 backplane, Units: 25 max., I/O points: 1,600 max., Remote I/O points: 8,192 max.
	H type	Up to 3 backplane, Units: 32 max., I/O points: 2,048 max., Remote I/O points: 8,192 max.
Operation speed		0.03 µs/step (Basic instruction)
Built-in memory		RAM (ROM / small PC card is optional)
Memory capacity		32 k steps approx. / 60 k steps approx. / 120 k steps approx. (varies with different models)
Operation memory	Internal relay	14,192 points
	Timer / Counter (T/C)	3,072 points in total
	Data register	10,240 words
	File register	32,765 words × 3

SPECIAL FUNCTIONS

Item		Descriptions
Analog I/O		Available by adding analog input and analog output units.
High speed counter		Available by adding high-speed counter unit. (Max. 200 kHz)
Positioning		Available by adding positioning unit. (Max. 4 Mpps) * The positioning unit for RTEX can be used.
Serial	RS-232C port	Standard equipped with CPU unit. Expandable by adding C.C.U., serial data unit and M.C.U.
	RS-422 RS-485	Expandable by adding M.C.U.
Interrupt input		Available by adding high-speed counter unit or pulse I/O unit.

SPECIAL NETWORK FUNCTIONS

Item	Descriptions
Remote I/O	**S-LINK**, **MEWNET-F**
PLC Link	**MEWNET-W2** (Wire) **MEWNET-W0** **MEWNET-VE** **FL-NET**
Computer Link	Linkable by using tool port or COM. port on CPU unit. Also available by adding M.C.U. and C.C.U.
Modem connection	Available

OTHER BUILT-IN FUNCTIONS

Item	Descriptions
Program block-edit during RUN	Available
Constant scan	Available
Clock / Calendar function	Built-in type