*1 Conforming to Low Voltage Directive, EMC Directive

Related Information

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



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

SPECIAL FUNCTIONS

OTHER BUILT-IN FUNCTIONS

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)

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.

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

SPECIFICATIONS

Item		Descriptions		
	ber of oints	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		RAN	M (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 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

FIBER SENSORS

LASER SENSORS

PHOTOELECTRIC SENSORS

MICRO PHOTOELECTRIC SENSORS

AREA SENSORS

SAFETY LIGHT CURTAINS / SAFETY COMPONENTS

PRESSURE / FLOW SENSORS INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASUREMENT SENSORS

STATIC CONTROL DEVICES

LASER MARKERS

PLC

HUMAN MACHINE INTERFACES ENERGY MANAGEMENT SOLUTIONS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Applications	
PLC	
Software	
Program Transfer	

Others

FP7
FP-X0
FP0R
FPΣ
FP-X

FP2SH

FP-e