

■ I/O Link unit



■ Specifications

Item	Description
Communication method	Two-wire, half duplex
Synchronous method	Asynchronous method
Transmission line	2-wire cable (Twisted-pair cable or VCTF 0.75 mm ² × 2C equivalent)
Transmission distance (Total distance)	Max. 700 m 2,296.588 ft. (using twisted pair cable) Max. 400 m 1,312.336 ft. (using VCTF cable)
Transmission speed (Baud rate)	0.5 Mbit/s
Number of control I/O point per an I/O link unit	64 points (Input: 32 points and Output: 32 points) ^{note)}
Remote I/O map allocation	32X/32Y
Interface	Conforming to RS485
Transmission error check	CRC (Cyclic Redundancy Check) method

Note

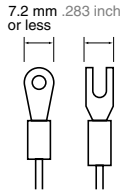
This point number is the number of points that can be linked for inputting and outputting via the host PLC and network MEWNET-F. If the output for the I/O link unit error flag is set to ON, this number becomes 63 points (31 input points and 32 output points).

■ Power supply unit



Applicable crimp terminals

Manufacturer	Part number	Applicable wiring
JST Mfg.Co.,Ltd.	V1.25-M3 (round type)	0.35 to 1.65 mm ² AWG #22 to #15
	V1.25-S3A (fork type)	
	V2-M3 (round type)	1.04 to 2.00 mm ² AWG #17 to #14
	V2-S3A (fork type)	



■ Specifications

Product number		FP0-PSA4	FP0-PSA1
Part number		AFP0634	AFP0631
Input	Rated voltage	100 to 240 V AC	
	Variable input voltage range	85 to 264 V AC	
	Rated frequency	50/60 Hz	
	Frequency range	47 to 63 Hz	
	Number of phases	Single-phase	
	Surge current	30 A (0 - P) or less, with cold start	
	Leakage current	0.75 mA or less	
	Allowable momentary power off time	10 ms or more	
Output	Rated voltage	24 V DC	
	Voltage accuracy	±5%	
	Rated current	0.7 A	0.6 A
	Output current range	0 to 0.7 A	0 to 0.6 A
	Ripple voltage	500 mV or less	
Protective functions	Over-current protection	0.735 A or more	0.63 A or more
	Over-voltage protection	Available	

Note

Start up may not be possible if a device with a large inrush current is connected even if below the rated current. In such a case, we recommend suppressing the inrush current by inserting a 1 to 2Ω resistor between the power supply unit and the device.

Please see the network page for information on the FP0 CC-Link slave unit.