Panasonic

AFP7CCS2 | FP7 Add-on cassettes



※Photo may vary from actual product.

RoHS compliant

Discontinued Last time buy March 31, 2023

Product Number	**AFP7CCS2**
Part Number	**AFP7CCS2**
Product	**FP7 Add-on Cassettes**
Details	**Communication Cassettes**
Product name	**FP7 Add-on cassettes**

Substitute FP7 Add-on cassettes
Sub Prod No. AFP7CCRS2
Sub Part No. AFP7CCRS2
Remark Old add-on cassettes cannot be installed on new CPU units and serial communication units. Also, the new add-on cassettes cannot be installed on old CPU units and serial communication units. The programs are compatible.

Spec Detail

As of May 29, 2023
Specifications and design of the products are subject to change without notice for the product improvement.

Item	Specifications
Product Number	AFP7CCS2
Part Number	AFP7CCS2
[[SPECIFICATIONS]]Interface	RS-232C 2 channels
[[SPECIFICATIONS]]Transmission distance	Max. 15 m 49.213 ft (Note) Cable length should be no longer than 3 m 9.843 ft if communicating at a rate of 38.4 kbits/sec. or hi1gher. If you are using RS-232C wiring, shielded cable should be used to improve noise immunity.
[[SPECIFICATIONS]]Transmission speed	300,600,1200,2400,4800,9600,19200,38400,57600,115200, 230400 bits/sec.
[[SPECIFICATIONS]]Communication method	Half-duplex system
[[SPECIFICATIONS]]Synchronous method	Start-stop synchronization system
[[SPECIFICATIONS]]Transmission format	Stop bit: 1 bit / 2 bits Parity: Invalid / Valid (Odd / Even) Data length: 7 bits / 8 bits Start code: with STX / without STX End code: CR / CR + LF / None / ETX
[[SPECIFICATIONS]]Data transmission order	Transmit from bit 0 in character units.
[[SPECIFICATIONS]]Number of connected units	- (Note) If mixed C-NET adapters are used, up to 32 units can be connected, but transmission speed will be limited to a maximum of 19.2 kbits/sec. (Note) The converter SI-35 manufactured by LINE EYE Co., Ltd. is recommendable for the RS-485 at the computer side. When you use the SI-35, please adjust time after FP7 series PLC receives a command until it returns a response by a program.
[[COMMON GENERAL SPECIFICATIONS]]Ambient temperature	0 to +55 °C +32 to +131 °F, Storage: -40 to +70 °C -40 to +158 °F
[[COMMON GENERAL SPECIFICATIONS]]Ambient humidity	10 to 95 % RH (at +25 °C +77 °F, no condensation), Storage: 10 to 95 % RH (at +25 °C +77 °F, no condensation)
[[COMMON GENERAL SPECIFICATIONS]]Vibration resistance	5 to 8.4 Hz, single amplitude of 3.5 mm 0.138 in, 1 sweep/min. (IEC 61131-2) ; 8.4 to 150 Hz, constant acceleration of 9.8 m/s^2, 1 sweep/min. (IEC 61131-2), 10 times each in X, Y, and Z directions

[[COMMON GENERAL SPECIFICATIONS]]Shock resistance	147 m/s^2 or more , 3 times each in X, Y, and Z directions (IEC61131-2)
[[COMMON GENERAL SPECIFICATIONS]]Noise immunity	1,000 V [p-p] with pulse width 50 ns and 1 micro s (using a noise simulator)
[[COMMON GENERAL SPECIFICATIONS]]Operating condition	Free from corrosive gasses and excessive dust
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Rated voltage range	-
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Current consumption	60 mA or less (Note) Increased CPU unit current consumption
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Net weight	25 g approx. (with terminal block)

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