



AFP7NSC | FP7 Serial communication unit



※Photo may vary from actual product.

Product Number	AFP7NSC
Part Number	AFP7NSC
Product	FP7 Serial communication unit
Product name	FP7 Serial communication unit

Spec Detail

As of May 30, 2021

Specifications and design of the products are subject to change without notice for the product improvement.

Item		Specifications
Product Number	AFP7NSC	
Part Number	AFP7NSC	
Number of communication cassette installations	Max. 2 cassettes	
Number of installations to CPU unit	Max. 8 units	
[[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]]Breakdown voltage	500 V AC for 1 minute	
[[COMMON GENERAL SPECIFICATIONS]]Insulation resistance	100 MOhm or more (at 500 V DC)	
[[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	50 mA or less (cassette not installed)	
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Net weight	110 g approx.	