



## AFP7PSA1 | FP7 Power supply units



※Photo may vary from actual product.

Product Number	AFP7PSA1
Part Number	AFP7PSA1
Product	FP7 Power supply units
Product name	FP7 Power supply units

### 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	AFP7PSA1	
Part Number	AFP7PSA1	
[[SPECIFICATIONS]]Rated input voltage	100-240 V AC	
[[SPECIFICATIONS]]Allowable input voltage range	85-264 V AC	
[[SPECIFICATIONS]]Input power supply frequency	47 to 63 Hz	
[[SPECIFICATIONS]]Inrush current	40 A or less (Note) On cold starting	
[[SPECIFICATIONS]]Input current	0.75 A or less	
[[SPECIFICATIONS]]Rated output current (at 24 V)	1.0 A	
[[SPECIFICATIONS]]Alarm contact capacity	1 A (30 V DC)	
[[SPECIFICATIONS]]Remaining lifespan counting function	Not available	
[[COMMON GENERAL SPECIFICATIONS]]Ambient temperature	0 to +55 °C <b>+32 to +131 °F</b> , Storage: -40 to +70 °C <b>-40 to +158 °F</b>	
[[COMMON GENERAL SPECIFICATIONS]]Ambient humidity	10 to 95 % RH (at +25 °C <b>+77 °F</b> , no condensation), Storage: 10 to 95 % RH (at +25 °C <b>+77 °F</b> , 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 <b>0.138 in</b> , 1 sweep/min. (IEC 61131-2) ; 8.4 to 150 Hz, constant acceleration of 9.8 m/s <sup>2</sup> , 1 sweep/min. (IEC 61131-2), 10 times each in X, Y, and Z directions	
[[COMMON GENERAL SPECIFICATIONS]]Shock resistance	147 m/s <sup>2</sup> 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	100 to 240 V AC
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Current consumption	750 mA or less
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Net weight	240 g approx.

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