



AFP7PSA2 | FP7 Power supply units



※Photo may vary from actual product.



Product Number	AFP7PSA2
Part Number	AFP7PSA2
Product	FP7 Power supply units
Product name	FP7 Power supply units

Spec Detail

As of August 18, 2021

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

Item		Specifications
Product Number	AFP7PSA2	
Part Number	AFP7PSA2	
[[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		1.25 A or less
[[SPECIFICATIONS]]Rated output current (at 24 V)		1.8 A
[[SPECIFICATIONS]]Alarm contact capacity		1 A (30 V DC)
[[SPECIFICATIONS]]Remaining lifespan counting function		Available (Note) Notify by CPU unit
[[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		Free from corrosive gasses and excessive dust

condition

[[INDIVIDUAL GENERAL SPECIFICATIONS]]Rated voltage range	100 to 240 V AC
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Current consumption	1,250 mA or less
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Net weight	290 g approx.

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