

AFP7Y64P | FP7 Input and Output units



※Photo may vary from actual product.

**RoHS
compliant**

Product Number	AFP7Y64P
Part Number	AFP7Y64P
Product	FP7 Input and Output Units
Details	Output units
Product name	FP7 Input and Output units

Spec Detail

As of September 04, 2023

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

Item	Specifications
Product Number	AFP7Y64P
Part Number	AFP7Y64P
[[OUTPUT SPECIFICATIONS]]Insulation method	Photocoupler insulation
[[OUTPUT SPECIFICATIONS]]Rated control capacity	-
[[OUTPUT SPECIFICATIONS]]Min. load	-
[[OUTPUT SPECIFICATIONS]]Output type	Open collector
[[OUTPUT SPECIFICATIONS]]Rated load voltage	5 to 24 V DC
[[OUTPUT SPECIFICATIONS]]Load voltage allowable range	4.75 to 26.4 V DC
[[OUTPUT SPECIFICATIONS]]Max. load current:0.3 A (Y0 to Y7)	0.3 A (20.4 to 26.4 V DC), 30 mA (4.75 V DC)
[[OUTPUT SPECIFICATIONS]]Max. load current:0.1 A (other than that above)	0.1 A (20.4 to 26.4 V DC), 15 mA (4.75 V DC)
[[OUTPUT SPECIFICATIONS]]Common restriction	3.2 A/common
[[OUTPUT SPECIFICATIONS]]Max. surge current	0.6 A
[[OUTPUT SPECIFICATIONS]]OFF state leakage current	1 micro A or less
[[OUTPUT SPECIFICATIONS]]ON state maximum voltage drop	0.5 V or less
[[OUTPUT SPECIFICATIONS]]Repose time:OFF→ON	0.1 ms or less (at load current 2 mA or more)
[[OUTPUT SPECIFICATIONS]]Repose time:ON→OFF	0.5 ms or less (at load current 2 mA or more)
[[OUTPUT SPECIFICATIONS]]Life time:Mechanical life	-
[[OUTPUT SPECIFICATIONS]]Life time:Electrical life	-

[[OUTPUT SPECIFICATIONS]]External power supply:Voltage	4.75 to 26.4 V DC
[[OUTPUT SPECIFICATIONS]]External power supply:Current (at 24 V)	90 mA/common
[[OUTPUT SPECIFICATIONS]]Surge absorber	Zener diode
[[OUTPUT SPECIFICATIONS]]Relay socket	-
[[OUTPUT SPECIFICATIONS]]Short circuit protection	-
[[OUTPUT SPECIFICATIONS]]Output points per common	32 points/common
[[OUTPUT SPECIFICATIONS]]Operating mode indicator	32 points LED display (lights when ON, selectable by switch)
[[OUTPUT SPECIFICATIONS]]External connection method	Connector (MIL-compliant 40 pins, two use)
[[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	75 mA or less
[[INDIVIDUAL GENERAL SPECIFICATIONS]]Net weight	115 g approx.

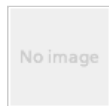
Accessories



Product Number **AFP2801**

Part Number **AFP2801**

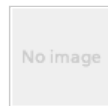
Product name **Scattered wire connector set**



Product Number **AFP2802**

Part Number **AFP2802**

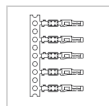
Product name **Flat cable connector set**



Product Number **AFP2808**

Part Number **AFP2808**

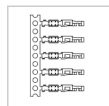
Product name **Push-In Connector Set**



Product Number **AXW7221FP**

Part Number **AXW7221FP**

Product **Pressure contact for multi-wire**



Product Number **AXW7231FP**

Part Number **AXW7231FP**

Product **Pressure contact for multi-wire**



Product Number **AXY5200FP**

Part Number **AXY5200FP**

Product **Pressure contact tool**

Product name	Pressure contact for multi-wire	Product name	Pressure contact for multi-wire	Details	Multi-wire connector pressure contact tool
				Product name	Pressure contact tool

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