

# APAX-5343/5343E APAX-5001/5002/5002L

## Power Supply for APAX-5580 Series/ APAX Expansion Modules

### 1/2/2-slot Backplane Modules



APAX-5343

APAX-5343E



## Specifications

### Input

- **Rated Voltage** 115/230 V<sub>AC</sub>
- **Voltage Range** 90 ~ 264 V<sub>AC</sub>
- **Rated Input Current** 1.5 A (at rated load)
- **Rated Input Frequency** 50/60 Hz
- **Input Frequency Range** 47 ~ 63 Hz
- **Inrush Current Limit** < 50 A

### Output

- **Output Power** 72 W
- **Power Loss** about 8~9 W (at rated load)
- **Efficiency** > 88% (at rated load)
- **Rated Voltage** 24 V<sub>DC</sub>
- **Rated Output Current** 3 A
- **Output Current Limit** 3.5 ~ 4.3 A
- **Residual Ripple** < 240 mVpp
- **Startup Delay** < 3 second
- **Voltage Rise** 60 ms (typical)

### Protection

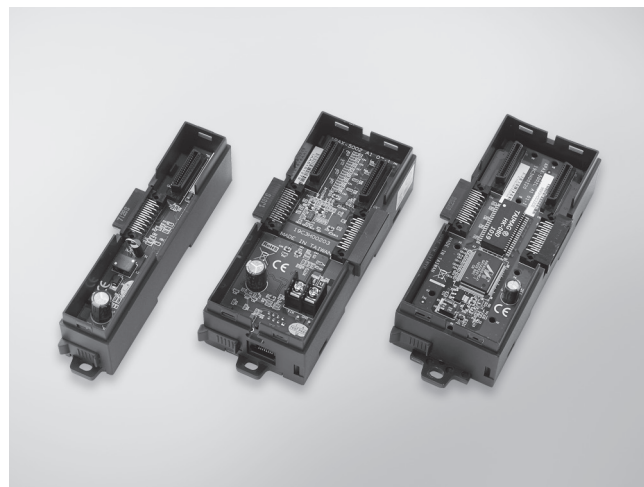
- **Isolation Protection (In/Out)** 42/42 V<sub>DC</sub>
- **Output Over Voltage Protection** shutdown as approximate 25 ~ 27 V<sub>DC</sub>, latch off mode
- **Over Load Protection** auto-recovery mode
- **Short Circuit Protection** auto-recovery mode

### General

- **Certification** CE, FCC class A, UL 508, Energy Star
- **Dimensions (W x H x D)** 75 x 151 x 115 mm
- **Enclosure** PC
- **Operating Temperature** 0 ~ 50°C (mounted vertically)
- **Storage Temperature** -20 ~ 75°C
- **Relative Humidity** 5 ~ 95% (non-condensing)
- **Mounting** DIN-rail, wall mount (panel mount)

## Ordering Information

- **APAX-5343** Power Supply for APAX-5580 Series
- **APAX-5343E** Power Supply for APAX Expansion Module



APAX-5001

APAX-5002

APAX-5002L



## Specifications

### General

- **Certification** CE, FCC class A
- **Dimensions (W x H x D)** 28 x 151 x 38 mm (APAX-5001)  
54 x 151 x 38 mm (APAX-5002, APAX-5002L)
- **Enclosure** ABS+PC
- **Weight** 70 g (APAX-5001)  
120 g (APAX-5002, APAX-5002L)
- **Mounting** DIN-rail, Wall mount (panel mount)
- **Power Consumption** 0.3 W @ 24 V<sub>DC</sub> (APAX-5001)  
1.3 W @ 24 V<sub>DC</sub> (APAX-5002, APAX-5002L)
- **Power Input** 18 ~ 30 V<sub>DC</sub>
- **Slot Number** 1 (APAX-5001)  
2 (APAX-5002, APAX-5002L)

### Environment

- **Operating Temperature** APAX-5001\*/APAX-5002\*: 0 ~ 60°C  
APAX-5002L\*: -20 ~ 70°C
- **Storage Temperature** -25 ~ 75°C
- **Relative Humidity** 5 ~ 95% (non-condensing)

\*when mounted vertically

## Ordering Information

- **APAX-5001** 1-slot Backplane Module
- **APAX-5002** 2-slot Backplane Module with RJ-45 Port and 24V<sub>DC</sub> input
- **APAX-5002L** 2-slot Backplane Module

	Slot Number	Expansion Port (RJ-45)	Power Input Terminal
APAX-5001	1	N/A	N/A
APAX-5002	2	Yes	Yes
APAX-5002L	2	N/A	N/A