

APAX-5343/E 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_{AC}
- Voltage Range 90 ~ 264 V_{AC}
- 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_{DC}
- 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

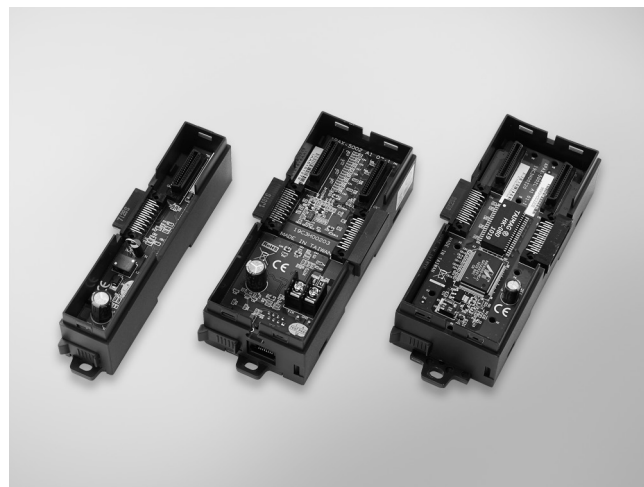
- Isolation Protection (In/Out) 42/42 V_{DC}
- Output Over Voltage Protection shutdown as approximate 25 ~ 27 V_{DC}, latch off mode
- Over Load Protection auto-recovery mode
- Short Circuit Protection auto-recovery mode

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/L

APAX-5004L



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)
105 x 151 x 38 (APAX-5004L)
- 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_{DC} (APAX-5001)
1.3 W @ 24 V_{DC} (APAX-5002, APAX-5002L)
- Power Input 18 ~ 30 V_{DC}
- 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-5002L 2-slot Backplane Module
- APAX-5002 2-slot Backplane Module with RJ-45 Port and 24V_{DC} input

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



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