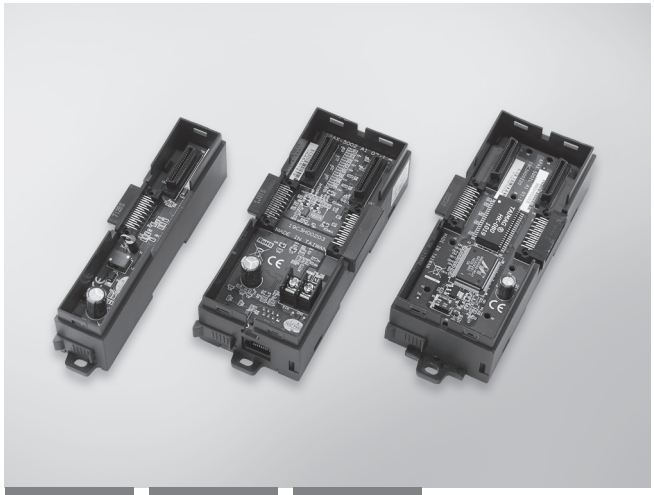
APAX-5342
APAX-5001/5002/5002L

Power Converter for APAX-5580
1/2/2-slot Backplane Modules

APAX-5342



APAX-5001 APAX-5002 APAX-5002L

Specifications

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** -10 ~ 60°C (mounted vertically)
- **Storage Temperature** -20 ~ 75°C
- **Relative Humidity** 5 ~ 95% (non-condensing)
- **Mounting** DIN-rail, wall mount (panel mount)

Input

- **Rated Voltage** 48 V_{DC}
- **Voltage Range** 36 ~ 58 V_{DC}
- **Rated Input Current** 2.2A (Max.) @ 48 V_{DC}

Output

- **Output Power** 96 W
- **Efficiency** > 88% (at rated load)
- **Rated Voltage** 24 V_{DC}
- **Rated Output Current** 4A
- **Output Current Limit** 4.8 A
- **Reverse Voltage Protection (RVP)** Yes

Input Protection

- **Over Voltage Protection (OVP)** 58 V_{DC}
- **Under Voltage Protection (UVP)** 36 V_{DC}
- **Over Current Protection (OCP)** 3.33 A

Output Protection

- **Over Current Protection (OCP)** 4.8A
- **Shout Current Protection** Yes

Ordering Information

- **APAX-5342** Power Converter for APAX-5580

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_{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-5002** 2-slot Backplane Module with RJ-45 Port and 24V_{DC} 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

All product specifications are subject to change without notice