

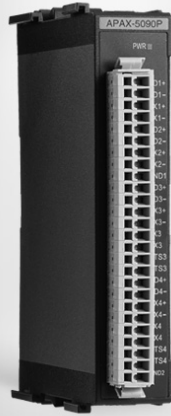
# APAX-5090P

# APAX-5095P

4-port RS-232/422/485  
Communication Module

2-port CANopen  
Communication Module

NEW



APAX-5090P

CE FCC RoHS COMPLIANT 2002/95/EC

## Specifications

### General

- **Certifications** CE, FCC class A
- **Interface** COM 1, COM 2: RS-422/485  
COM 3, COM 4: RS-232/422/485
- **Connectors** 1 x 26-pin clamp-type terminal
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 180 g
- **Power Consumption** 2 W @ 5 V<sub>DC</sub> (typical)

### Communications

- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, even, odd
- **Baud Rate** 50 bps ~ 230.4 kbps
- **Data Signals** RS-232: TxD, RxD, RTS, CTS, GND  
RS-422: Tx+, Tx-, Rx+, RX-  
RS-485: Data+, Data-
- **FIFO** 128 bytes
- **Flow Control** RTS/CTS, Xon/Xoff

### Protection

- **ESD Protection** 15 kV
- **EFT Protection** 2,500 V<sub>DC</sub>
- **Isolation Protection** 2,500 V<sub>DC</sub> (between COM port and backplane)

### Environment

- **Operating Temperature** 0 ~ 60° C (mounted vertically)
- **Storage Temperature** -40 ~ 70° C
- **Relative Humidity** 5 ~ 95% (non-condensing)

## Ordering Information

- **APAX-5090P-AE** 4-port RS-232/422/485 Comm. Module

Note: APAX-5090P can only be used by controllers with a PCI interface

NEW



APAX-5095P

CANopen CE FCC RoHS COMPLIANT 2002/95/EC

## Specifications

### General

- **Certifications** CE, FCC class A
- **Interface** 2 x CAN Bus
- **Connectors** DB9
- **Dimensions (W x H x D)** 30 x 139 x 100 mm
- **Enclosure** ABS+PC
- **Weight** 180 g
- **Power Consumption** 2 W @ 5 V<sub>DC</sub> (typical)

### Communications

- **Protocol** CANopen
- **Speed** Max. 1 Mbits/s
- **Supports PDO transmission mode**
- **Supports NMT and SDO communication object**
- **Supports Heartbeat producer and consumer**
- **Supports Emergency objects**

### Protection

- **Isolation Protection** 2,500 V<sub>DC</sub>

### Environment

- **Operating Temperature** 0 ~ 60° C (mounted vertically)
- **Storage Temperature** -40 ~ 70° C
- **Relative Humidity** 5 ~ 95% (non-condensing)

## Ordering Information

- **APAX-5095P-AE** 2-port CANopen Module

Note: APAX-5095P can only be used by controllers with a PCI interface