AMAX-5400E
AMAX-5490
AMAX-5495

PCIe mini card expansion module

2-port Isolated RS-232/422/485 Communication Module

2-port CAN Module

AMAX-5400E   CE FCC RoHS COMPLIANT 2002/95/EC

AMAX-5490   CE FCC RoHS COMPLIANT 2002/95/EC

AMAX-5495   CE FCC RoHS COMPLIANT 2002/95/EC

Specifications

General

- **Certification** — CE, FCC class A
- **Enclosure** — Aluminum housing
- **Power Consumption** — 0.5W@24V$_{DC}$
- **Bus Interface** — PCIe x1
- **LED Indicator** — PWR, Standby

Expansion Function

- **Interface** — Full size mini PCI express 2.0
- **SIM card slot** — Nano SIM card
- **Antenna** — 1x SMA hole on the top

Environment

- **Operating Temperature** — -10 ~ 60°C (mounted vertically)
- **Storage Temperature** — -40 ~ 85°C
- **Relative Humidity** — 95% (non-condensing)

Ordering Information

- **AMAX-5400E** — PCIe-mini card expansion module

Specifications

General

- **Certification** — CE, FCC class A
- **Connector** — 2 x DB9
- **Enclosure** — Aluminum housing
- **Power Consumption** — 2W@24V$_{DC}$
- **Bus Interface** — PCIe x1
- **LED Indicator** — PWR, Standby, TX/RX

Serial Communication

- **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, GND
  RS-422: Tx+, Tx-, Rx+, RX-
  RS-485: Data+, Data-
- **FIFO** — 256 bytes
- **Flow Control** — Xon/Xoff

Protection

- **ESD Protection** — 8KV (air), 4KV (contact)
- **EFT Protection** — 2,000 V$_{DC}$ (Power Line)
- **Isolation Protection** — 2,500 V$_{DC}$ (between COM port and backplane)

Environment

- **Operation Temperature** — -10~60°C (vertical mounted)
- **Storage Temperature** — -40~85°C
- **Relative Humidity** — 95% (non-condense)

Ordering Information

- **AMAX-5490** — 2-port isolated RS-232/422/485 Communication Module

Specifications

General

- **Certification** — CE, FCC class A
- **Connector** — 2 x DB9
- **Enclosure** — Aluminum housing
- **Power Consumption** — 3W@24V$_{DC}$
- **Bus Interface** — PCIe x1
- **LED Indicator** — PWR, Standby, TX/RX

Serial Communication

- **Protocol** — CAN2.0 A/B
- **Data Transfer Rate** — 1Mbits/s
- **DB9** — 2 - CAN_N
  7 - CAN_P
  3 - CAN_ISO
  1, 4, 5, 6, 8, 9 - NC

Protection

- **ESD Protection** — 8KV (air), 4KV (contact)
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Environment

- **Operation Temperature** — -10~60°C (vertical mounted)
- **Storage Temperature** — -40~85°C
- **Relative Humidity** — 95% (non-condense)

Ordering Information

- **AMAX-5495** — 2-port CAN Module

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