

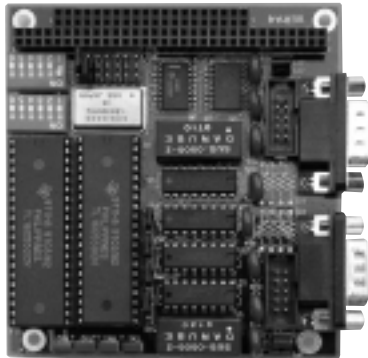
AX10445A+/B+

Dual Channel Isolated Port RS-422/485 Module

AX10450

16 Channel Opto-isolated DI Module

DELTA COMPONENTS®



FEATURES

- ▶ Reliable communication up to 4000 feet at 100K bps
- ▶ Baud rate up to 57600
- ▶ Fully isolated input and output for AX10445A

Specifications

Baud Rate	50 to 57600 bps
Clock Input	18432MHz
Interrupt Level	IRQ 2, 3, 4, 5, 6, 7
I/O connector	Dual 9-pin D-type male connectors or dual flat expanded D-type connector
Bus Connector Transmitter	64-pin / 40-pin male / female header Device: SN75172 or equivalent high level Voltage: 3.7V typical at 33mA source Low level voltage: 1.1V typical at 33mA source High level current: 60mA source max. Low level current: 60mA source max.
Receiver	Device: SN75173 or equivalent differential input threshold: 0.2V max. Hysteresis: 50mA typical Input Impedance: >12KΩ with terminators
Power Requirements	* AX10445A: +5VDC, 500mA typ. * AX10445B: +5VDC, 300mA typ.

Physical/Environmental

Dimensions (L x W)	96 x 90mm
Weight	125g
Relative Humidity	20 to 90%, non-condensing

Ordering Information

Standard	
AX10445A+	Isolated dual port RS-422/485 module
AX10445B+	Dual port RS-422/485 module

FEATURES

- ▶ 16 channels opto-isolated input
- ▶ Isolation up to 1000 Vrms
- ▶ Applied for industrial ON/OFF monitoring, limit switch monitoring and value/ solenoid monitoring

Specifications

Opto-isolator	PC814 or equivalent
Channel	16
Voltage Range	±5V ~ ±24V (logic 1 output)
Current Limit Resistor	1.2KΩ, 0.5W
Current Maximum	±50mA
Connector	50-pin mating connector
Power Requirements	+5VDC: 400mA

Physical/Environmental

Dimensions (L x W)	96 x 90mm
Weight	80g
Relative Humidity	20 to 90%, non-condensing

Ordering Information

Optional	
AS59099	DOS, Windows® 3.1/95/98/NT DDL driver and device utility CD
AS59080	ActiveX control driver, 3 rd party drivers (LABTECH, Labview, DasyLab) and OPC server

PC/104 Series