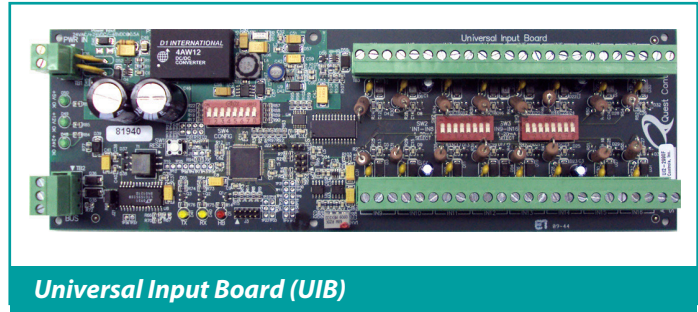# Universal Input Board

Description

The Universal Input Board (UIB) accepts sixteen (16) inputs and converts external sensor outputs to digital values that are transmitted across the communication BUS to the TELSEC® ESB2. The UIB accepts a variety of input sensors including: temperature, humidity, light level, pressure, and dry contact closures.

The Universal Input Board is equipped with two easy to wire, 24 position terminal strip and can be mounted in a 3 inch snaptrack. A TELSEC® ESB2 supports sixteen (16) Universal Input Boards for a total of 272 inputs.

Universal Input Board (UIB)

Specifications

Part Number: 130455

Capacities: 16 separate universal inputs 0-6 VDC, 0-20 mA, or dry contact closures

Accuracy: 12 bit analog-to-digital converter, accurate to 1% of full range

Indicators and Controls:
BUS XMIT: Indicates the board is sending data over the BUS
BUS RECV: Indicates the board is receiving data from the BUS
+5: Indicates +5 volts DC is present
+10: Indicates +10 volts DC is present
+24: Indicates +24 volts DC is present

Switches: Three 8 position dip switches for bus address and board configuration

Termination: Two-piece pluggable terminal strips. Rated @ 250 VAC 15 amp.
Terminals provided for BUS and power inputs.

Environmental: Operating Temp 32 to 120°F (0 to 49°C)
0-95% RH Non-condensing

Electrical: 48VDC max. load @ 0.13 amp, 24VDC max. load @ 0.25 amp, 24VAC max. load @ 0.37 amp

Size: 3.25 H x 10 W x 1.3 D in. (83 x 25 x 33 mm)

Weight: 1 lb (454 g)

Warranty: One (1) year

Optional Enclosures:

Multiple Board Enclosure: Wall mounted with locking door; knockouts on all sides for electrical connections
Part Numbers 150774 and 150775 (requires external power supply)
Up to three boards per enclosure mounted in snaptrack

Dimensions: Enclosure 22 H x 15.25 W x 3.5 D in. (559 x 387 x 89 mm)

Weight: 20 lb (9 kg)

Single Board Expansion Enclosure: Part number 150860

Dimensions: 6 H x 15 W x 3.5 D in. (152 x 383 x 89 mm)

Weight: 4 lb (1.8 kg)

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