



Description

The Universal Input Board (UIB) accepts sixteen (16) inputs and converts external sensor outputs to digital values that are transmitted across the communication M-BUS to the TELSEC® ESB and Q3™. The UIB accepts a variety of input sensors including: Temperature, Humidity, Light level, Pressure, and dry contacts.

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® ESB and Q3™ can accommodate three (3) Universal Input Boards.

Specifications

Part Number: 130455

Capacities: 16 separate universal inputs 0-6 VDC, 0-10 VDC, 4-20 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 M-BUS and power inputs.

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

Electrical: 48VDC max. load @ 0.125 amp, 24VDC max. load @ 0.250 amp, 24VAC max. load @ 0.370 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)

Specifications subject to change without notice