

Trusted 40 Channel Analogue Input FTA

Product Overview

The Trusted® 40 Channel Analogue Input Field Termination Assembly (FTA) T8830 is designed to act as the main interface between a field device generating an analogue signal and the Trusted TMR Analogue Input Module T8431.

Features:

- 40 input channels per FTA.
- Industry standard field device connections (2-wire).
- Standard DIN rail compatibility.
- Simple installation and connection.
- 24 Vdc operation.
- SmartSlot connection for 'one to many' hot replacement of input modules.
- Fused field power supply per channel.
- On-board Light Emitting Diode (LED) indication of field power supply integrity.

5. Specifications

Voltage Range	18 Vdc to 32 Vdc
Maximum Current (Field Supply)	50 mA (fused) per loop
Power Consumption (Field Supply)	0.25 W (LED power indicator)
Operating Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Non-operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Relative Humidity range (operating, storage and transport)	10 % – 95 %, non-condensing
Environmental Specifications	Refer to Document 552517
Dimensions	
Height	111 mm (4.4 in)
Width	335 mm (13.2 in)
Depth	51 mm (2 in)
Weight	900 g (2 lb)