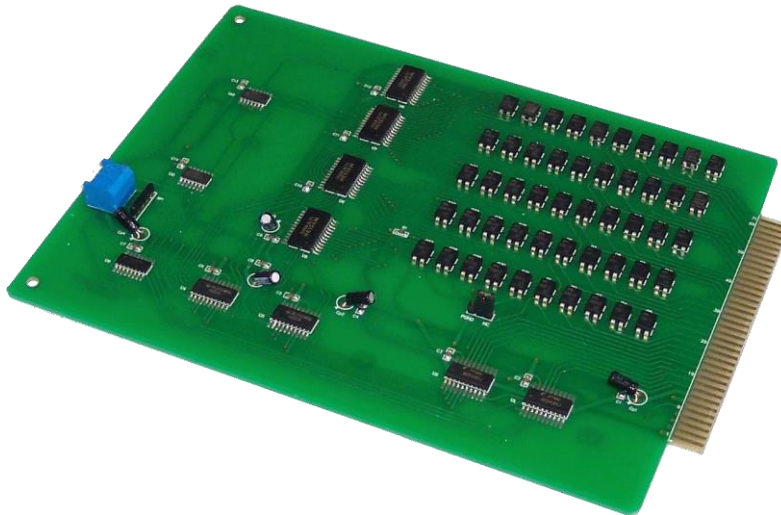


Universal Switching Matrix Board Cable Pressure Monitoring & Control System



Introduction

The MT582156 board is an advanced universal switching matrix board which is used to replace the Sparton 532056 board or 532156 board in 5300 cable pressure monitoring and control system. It is controlled by the 582058 universal controller board to select a transducer input number to make the dedicated transducer, subscriber transducer or binary alarm to be connected to the 582058 board which performs measurement for air pressure, flow and binary input.

Features

- Direct plug-in replacement for existing Sparton 532056 or 532156 board.
- Compatible with dedicated line transducers, subscriber line transducers, Toll/Trunk cable w/contactors, dry/wet contact alarms and other binaries.
- Provides physical connection with the 25 inputs to the 582058 universal controller board.
- 25 transducer inputs.
- With DIP switch for address setting
- High reliability

Contact:

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General Characteristics

The MT582156 board is an advanced universal switching matrix board which is used to replace both Sparton 532056 board and 532156 board in 5300 cable pressure monitoring and control system. It performs all functions of 532056 and 532156 universal switching matrix boards and provides physical connection with the 25 inputs to the 582058 board. The MT582156 board is fully compatible with the dedicated line transducers, subscriber line transducers, Toll/Trunk cable w/contactors, dry/wet contact alarms and other binaries to measure air pressure, flow and binary. In respect of use, the MT582156 board fully simulates the Sparton board's signals so that it can directly replace the existing Sparton board without any change and make itself easy to use.

Technical Characteristics

Control	
Controller	<ul style="list-style-type: none"> Universal Controller board 582058
Environmental Conditions	
Temperature <ul style="list-style-type: none"> Continuous Operation Transportation and storage 	<ul style="list-style-type: none"> 0° to +50° C -40° to +70° C
Relative Humidity	<ul style="list-style-type: none"> 0 to 95% non-condensing
Power	
Input Voltage	<ul style="list-style-type: none"> 5VDC powered inside 5300 rack
Power Consumption	<ul style="list-style-type: none"> 2 Watts Maximum
Physical Properties	
Size	<ul style="list-style-type: none"> 202 x 146mm PCB
Measurement	
Transducer input	<ul style="list-style-type: none"> 25 input ports for dedicated transducers, subscriber transducers, Toll/Trunk cable w/contactors, dry/wet contact alarms and other binaries

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