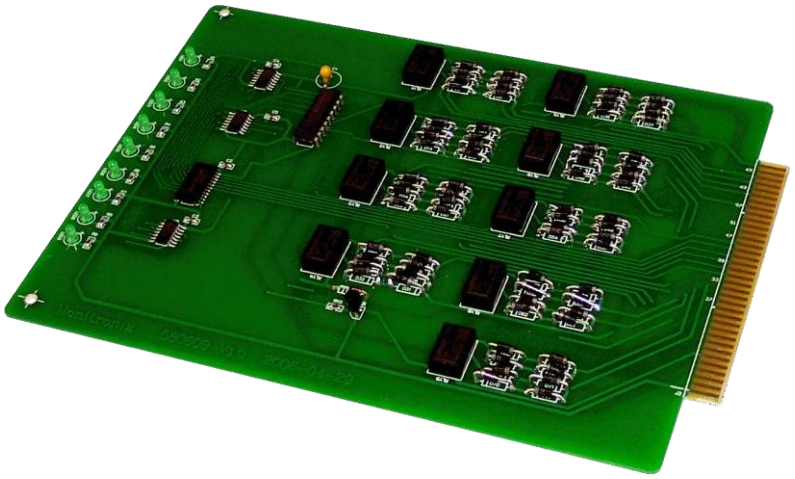
MT580609 - Data Sheet

SLT Switch Matrix Board with LED Cable Pressure Monitoring & Control System



Introduction

The MT580609 board is an advanced switch matrix board with enhanced switch which is used to replace the Sparton 530609 board in 5300 cable pressure monitoring and control system to switch and select transducer inputs to measure air pressure, flow and Toll/Trunk cable w/contactors.

Features

- Direct plug-in replacement for existing Sparton 530609 board
- Compatible with subscriber line transducer, dedicated line transducers, Toll/Trunk cable w/contactors
- Provides physical connection with the 9 SLT inputs to the 580602 SLT bus interface board
- 9 SLT inputs provided
- Support bus connection, up to 4 boards
- LED indicators
- High reliability

Contact:

Monitronix Technology

General Characteristics

The MT580609 board is an advanced switch matrix board which is used to replace the Sparton 530609 switch matrix board in 5300 cable pressure monitoring and control system. It can provide physical connection with the 9 SLT inputs to the 580602 SLT bus interface board, and fully compatible with all subscriber line transducers, dedicated line transducers and toll/trunk cable with contactors to measure air pressure, flow and TTCC. Up to 4 pieces of MT580609 boards on one bus can be controlled by a 580602 board to switch and select up to 36 subscriber line transducer inputs. In respect of use, the MT580609 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	• SLT bus interface board 580602
Environmental Conditions	
Temperature • Continuous Operation • Transportation and storage	 • 0° to +50° C • -40° to +70° C
Relative Humidity	• 0 to 95% non-condensing
Power	
Input Voltage	• 5VDC powered inside 5300 rack
Power Consumption	• 2 Watts Maximum
Physical Properties	
Size	• 202 x 146mm PCB
Measurement	
Input	• 9 SLT inputs

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MT580609 Issue 1