



Siemens m50 Series NEMA Traffic Controller

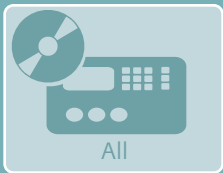
Siemens controller line for use in NEMA style cabinets

Description

The Siemens Model m50 NEMA compatible controller is an innovative, fully actuated controller unit with an extensive compliment of operational, programming, and diagnostic capabilities. The m50 series exceeds many industry standards and specifications with advanced functionality beyond the normal NEMA standards. The m50 features new capabilities and enhancements in hardware design and communications. The series consists of the m51 TS2 Type 1, m52 TS2 Type 1,2 and the m53 TS2 Type 1,2 models.

Benefits

- Supports a variety of cabinet styles including the Nema TS-1, TS-2 Type 1, and TS-2 Type 2.
- Built in external 10 Base-T Ethernet port with configurable IP.
- 8MB of flash memory - eliminating the need for EPROM chips.
- Industry standard 3-U expansion slots.
- NEMA TS-2 Type 1 15-pin Input/Output serial connection to the bus interface unit.
- NEMA TS-2 Type 2 for direct parallel connection to load switches and detectors.
- Removable hand held front panel with 8x40 character backlit LCD display.
- External Infrared port for communication with Laptops & PDAs



All



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Controllers by Siemens

Central Processor Unit (CPU)

- Microware OS-9 Operating System with runtime license
- Motorola 68360 25MHz Processor
- 8 MB DRAM
- 8 MB FLASH Memory
- 1 MB SRAM
- TOD Clock with automatic daylight savings time adjustment.
- Power supply will power the SRAM during power failures.

Keyboard and Display

- Removable light-emitting diode backlit LCD Display with 8 lines of 40 characters with adjustable contrast setting.
- Emulation of terminal per Joint NEMA/AASHTO/ITE Standard.
- Key quantity and function per Joint NEMA/AASHTO/ITE Standard.

Communications

- 10 Base-T Ethernet with front panel RJ-45 connector.
- Unique MAC address assigned by the Institute of Electrical and Electronic Engineers (IEEE).
- 1200 bps Frequency Shift Keying (FSK) modem (optional).
- EIA-232 port for uploading/downloading applications software and OS updating.
- External Infrared Port

Controller Housing

- Seven (7) expansion slots with card guides for standard size Versa Modules and two (2) slots with card guides for standard Joint NEMA/AASHTO.ITE ATC modems (optional).
- Polycarbonate construction (excluding back panel), rear mounting tabs and alluminum power supply mounting plate for electrical grounding.
- Carrying Handle

All of Siemens controllers and accessories are built with the highest standards in quality and manufacturing. With a long standing history of technological innovations, well renowned customer service, and high quality products and services, Siemens is the leader in traffic technology products and solutions. For more information on our product line see our website at www.itssiemens.com.



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