

## 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/AASHTOITE Standard.
- Key quantity and function per Joint NEMA/AASHTOITE Standard.

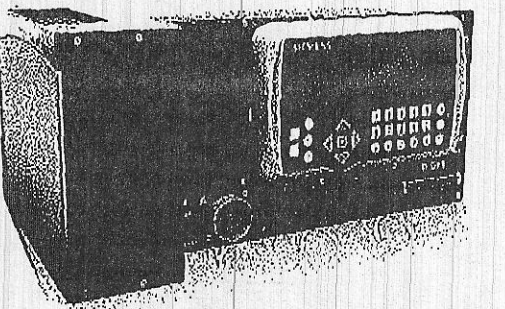
### Communications

- 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/AASHTOITE ATC modems (optional).
- Polycarbonate construction (excluding back panel), rear mounting tabs and aluminum power supply mounting plate for electrical grounding.
- Carrying Handle

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