

SSC-8 Traffic signal controller

By Trafictec



General description

- 2 board design, logic and power output.
- Extremely compact, approximately 10" W x 11" H x 3" D, including mounting plate. Dimensions do not including DIN mount power supply, circuit breaker, surge protector or weather cabinet.
- Build in GPS receiver for precise traffic synchronization without any interconnect between controllers.
- Pre-assembled logic and power board(s) on galvanized steel mounting plate for simple installation in new or existing cabinets.
- Hinged logic board for easy access to power board fuses without turning off AC power
- 2-part field wiring connectors. Fast replacement of logic and/or power board without disconnecting individual field wires.
- Windows based, multi-language, graphic programming software included at no additional charge. Our software makes programming complex intersections easy.
- Datakey Token programming system to move programs from PC to the controller without the need for a communication cable.

USB Token reader



Controller logic board & software specifications:

- Single board design. Only low voltage DC components on the logic board
- 12 channel GPS receiver on logic board
- Extremely small board, approximately 8" (20 cms.) wide x 8-1/2" (21cms.) high
- EEPROM memory for storing 2 different traffic programs
- 40 Intervals per cycle
- 1 Cycle
- 12 different time of day plans plus 1 night plan
- 7 time of day plan changes
- 12 named holiday plans per year
- Datakey Token reader receptacle and status LED indicator
- Weekday, Saturday, Sunday/holiday plans
- Operating temperature 25 to +74°C
- Connector for optional Trafictec conflict monitor
- Connector for external police officer manual control button
- Emergency flash control and manual/auto mode switches
- RS232 serial port for communications with central systems.



AC Power output board specifications:

- 4 phases per power board. Up to two power boards can be connected to a single logic board for a maximum of 8 phase per controllers
- Nominal 120 VCA or 240 VCA power board availables
- Fused AC inputs, lamp outputs and 12 VDC inputs
- 12 amp, 600 volt triacs
- Large aluminum extruded heatsink
- LED indicators for each lamp output
- Blown fuse monitor circuit, selectable on each RED output
- Separate forced flash circuit, not tied to microprocessor, enabled by blown fuses, microprocessor failure and/or external Trafictec conflict monitor commands
- Two part field wiring connectors. No need to remove individual wires to change the entire board

Other components specifications:

- Standard 12 volt DC regulated power supply: 20 watt, DIN rail mount. AC input voltage range 90-264 volts, 47-63 Hz. Automatic sensing of input voltage and cycles
- Optional 12 VDC power output board for LED signals (Available late 2008)
- Standard DIN rail mount AC 10 amp circuit breaker
- Standard 10 amp AC line surge protector for power supply and controller board protection.

Specifications subject to changed without notice



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