STS-22 GPS Satellite Time Sync

Synchronize all your intersections using a single GPS.

Description

Its user-friendly Windows software makes it possible to intuitively program schedules as complex as those controlling school signs, street parking signs or multiple-use-lane signs. The application is very flexible, providing quick "daily," "weekly" and "monthly" programming modes to enter events and exceptions. The SPC-22 provides several flashing frequencies and does not require a flashing control module. Its four inputs enable the recording of confirmations, alarms and manual bypasses.

The STS-22 maintains the accuracy of your equipment's internal clocks and remains perfectly synchronized at all times, including after power outages. Indeed, it uses the GPS time signal to automatically readjust itself. This signal is perfectly stable and eliminates the risks of thermal drift deregulation. The module can be plugged into any standard NEMA or 170 detection cabinet and is equipped with a practical backlit multipurpose display that enables onsite configuration and status monitoring.

The STS-22 eliminates the cost of running underground cables as well as radio communication and clock resetting fees and minimizes maintenance costs. It's an unbeatable economical solution!

Specifications

MAIN CHARACTERISTICS
Transmission capacity of time AND date (day, month, year) through a serial link to any make of controller.
Dual means of configuring the system and internal firmware: using the Windows software provided or the front-mounted multipurpose display.
Optocoupler contact output to synchronize the clocks of older-generation controllers that are not equipped with a direct communication device.
Operates in 120 VAC or 10-30 VDC mode depending on the cabinet's supply voltage.
Possibility of generating power outage reports.
Discrete antenna that reduces.

TECHNICAL CHARACTERISTICS			
Current draw:	60 mA max. (44 mA Typ) at 24 VDC	–	105 mA max. (78 mA Typ) at 12 VDC
Operating temperature range: -40 to +80°C			
Dimensions: 178 x 114 x 29 mm (7 x 4 1/2 x 1 1/8 in.)			
Power supply: 90–135 VAC or 10–30 VDC			
Contact: 3 A at 120 VAC/10 A at 30 VDC			

FUNCTIONAL CHARACTERISTICS
Backlit LCD screen for onsite diagnostics
Plug-in module for quick installation and maintenance
Data entry and uploading/downloading via USB port (connector included) or Wi-Fi
Recording of alarms and backup of events (log)
Optional: automatic adjustment to time zones and Daylight Savings Time

PROGRAMMING SOFTWARE
Based on an exception system
Daily program offering up to 5 periods (approximately 100 events or exceptions)
Unrestricted number of events
Unrestricted number of possible day and month combinations
Quick programming modes: daily, weekly and monthly
Overall result presented in an annual calendar indicating output statuses by date

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