

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____

Talento882 Pro

The Talento882 Pro Two Circuit Electronic Time Switches are compact, 365-Day Astronomic module with heavy-duty relay contacts for switching low or line voltage loads. The timers are suitable for time-of-day control of pumps, fans, heaters, HVAC control circuits, lighting, machinery, and many other types of commercial, industrial, and agricultural equipment. These time switches provide dependable and uncomplicated performance, plus to-the-minute programming for accurate load control and reduced energy costs. Up to 400 set points or events can be preset to automatically repeat on an annual basis. Holiday or exception programming is available to allow temporary overrides of repeating schedules. Control buttons provide manual control of each circuit independently, regardless of the operating mode. Input voltage is automatically detected and adjusted between 24 VDC/VAC, 120-240 VAC, 50 or 60 Hz. No settings or modifications are required for different voltages during installation.

Features

- Automatically detects and adjusts input voltages (24 VAC/DC 120-240 VAC)
- Non-volatile memory (EEPROM)
- Free weekday block formation
- Field replaceable battery backup 10 year carryover
- Random program switching function
- High accuracy of $\pm .03s/day$
- Assignable external input for Countdown, override, or pulse function
- Security PIN code
- Scheduling allows for a combination of Astronomic and Timed events
- Weekly program scheduling (ON/OFF, Pulse, Cycle)
- Annual program scheduling (ON/OFF, Pulse, Cycle)
- Load status display
- 2 circuit independent programming
- Automatic Daylight savings time changeover
- AM/PM or Military time setting
- Backlit LCD
- Hour meter function
- Cumulative load monitoring hour counter with service indicator
- Moisture resistant conformal coated board
- Shortest switching time: 1 second
- Manual switch: Automatic/Override/Fix ON/OFF
- Lockable keypad cover
- 400 memory spaces
- Holiday program (ON/OFF, Pulse, Cycle, and OFF)
- PC Data transfer via IR remote interface (Talento Taxxi)



Talento882



Talento882 with enclosure



Ratings

Power Consumption: 3.7 VA Max

Supply Voltage: 24 VDC/VAC
120-240 VAC 50/60Hz

Switch Type: Circuit 1 SPDT relay
Circuit 2 SPST Relay

N.O. Contact: 16A Resistive, 240VAC
10A General Purpose
10A Tungsten
8A Standard Ballast
Pilot Duty B300

N.C. Contact: 16A Resistive, 240VAC
10A General Purpose
10A Tungsten
8A Standard Ballast
Pilot Duty B300

Wiring Connections: Screw Terminals for #16 to #10 AWG

Operating Temperature: 14°F to 131°F (-10°C to 55°C)

Warranty: Limited 1 year

Model Number	Circuits	Voltage	Switch Rating	Programs	Mounting Type
Talento882 Pro	2	24 VAC/DC 120-240 VAC	16 Amp Resistive	400	DIN Rail

Specification

Furnish and install an Intermatic Talento882 Pro, two circuit electronic time switch. Each channel shall be independently programmable. A total of 400 memory spaces shall be provided. The time switch shall offer daily, weekly or annual programming capability with separate holiday periods of any duration. Three types of switching commands shall be provided; ON/OFF, pulse and cycle. Automatic or user selectable Daylight Saving Time changeover shall be incorporated. An optional Windows-based software program shall be available for remote programming capability. It shall provide full graphic indication of the switching schedule, and include a database of fixed and floating holidays. Floating holidays will automatically repeat each year on the correct date. An astronomical program shall be included which will automatically adjust the switch event schedule according to the changing sunrise and sunset times. A backlit LCD shall be provided to indicate the current time, date, switch contact status and program schedule. A replaceable battery shall be provided to maintain the current date and time in the event of a power failure for up to ten years. The switch program shall be stored in non-volatile (EEPROM) memory. The SPDT switch contacts shall be rated at 16 Amp Resistive and the SPST contacts shall be rated at 16 Amp Resistive. The time switch input power shall be 24 VAC/VDC and 120-240 VAC. The time switch shall be DIN rail mountable which can be applied in a Type 1 indoor or Type 3R outdoor enclosure.

Diagrams

