

QWL 3.1 Rev 3

Integrated Building Manager Panel

The QWL 3.1 Rev 3 Integrated Building Manager Panel contains a Ubiquity Cloud™ Site Gateway w/ integrated lighting and energy management controls.



Features

UBIQUITY CLOUD SITE GATEWAY

- Site gateway to Ubiquity: enables controller interoperability with Ubiquity
- Enables Ubiquity to maintain controller programming and scheduling
- Compatible with all TCS Basys supported controllers
- Controller protocols supported: TCSbus, Modbus
- Supervisory control routines
- Supervisory override strategy
- Auto discovery of networked controllers
- Three integrated RS-485 serial ports
- Additional serial ports can be added via USB ports
- Integrated Ethernet controller with firewall capabilities
- Integrated configuration web page
- User adjustable controller monitoring rate
- Remotely upgradable gateway software

LIGHTING CONTROLLER (SLQ218)

- 365-day programming for each circuit
- Analog input for photo sensor with the ability to remotely adjust sensitivity level
- Selectable power failure state
- Eight channel lighting schedules for interior and exterior applications
- Digital photocell inputs
- Astronomical clock
- External time clock or occupancy sensor input for each channel
- Channel status LEDs
- Selectable normally open or normally closed relays
- Built-in 2 Amp relays with hand/off/auto switches

ENERGY METER (SEQ100)

Utility Meter Monitoring of:

- Electric single and 3 phase kW and kWh
- Gas
- Water
- BTU

Specifications

GENERAL

Enclosure: 20 gauge steel

Indicators: Twelve status LEDs

Overrides: Eight push-button for lighting

ENVIRONMENTAL

Operating temperature: 32° to 77°F (0° to 25°C) with proper ventilation

Operating humidity: 0 to 90%, non-condensing

Storage Temperature: -4° to 176°F (-20° to 70°C)

ELECTRICAL

Supply voltage: 110 - 240 VAC, 165 VA / 2.5 A Max, UL, FCC Class A, and CE Listed

LIGHTING

Inputs: Eight digital (dry contact) and two 0-5V light sensors

Outputs: Eight 2 Amp relays with manual hand/off/auto switches, capable of switching 24 VAC

Analog input impedance: 10k ohm

ENERGY METER SEQ100

Accuracy: +/- 0.5%

Programming: Via RS-485 Communication

Communications: RS-485, half duplex

Memory backup: Non-volatile EEPROM, no battery required

DIMENSIONS & ORDERING

UBIQUITY CLOUD SITE GATEWAY

Programming: Via embedded setup page

Communications:

- Controller network - RS-485 (half duplex)
- Modbus support
- ZigBee wireless TCSBus support
- TCSBus support
- Integrated Ethernet
- Two integrated RS-485 serial ports
- 4 USB Ports: USB to RS-485 serial converter is used to connect with controllers.

LIGHTING CONTROLLER SLQ218

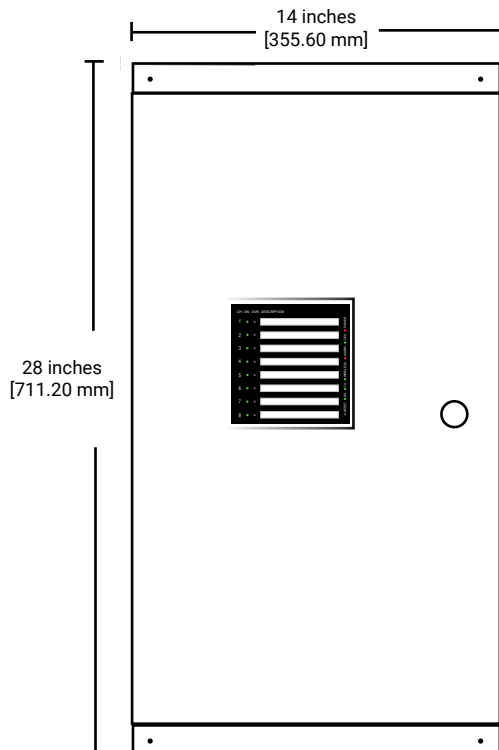
Programming: Via RS-485 Communication

Communications: RS-485, half duplex

Memory backup: Non-volatile EEPROM, no battery required

Dimensions

Note: inches [mm]



Ordering

Part #

QWL 3.1 Rev 3

QWL 3.1 Rev 3 - Bundled w/QW1010

Description

Integrated Building Manager Panel

Integrated Building Manager Panel - Wireless Network Support

View our full line at www.tcsbasys.com.