



Overview

Satellite is a distributed lighting control expander. This compact junction box mounted package provides additional input and output capacity on the CANbus Network. Satellite is available for switching and dimming applications.

Features

- UL Listed and Plenum Rated
- Resides on CANbus Network with Capacitive Touch Stations (CTS)
- Line and low voltage compartment separation
- Additional Inputs and Outputs
 - 6 Universal Inputs
 - 2 Line Voltage Inputs
 - 2 Relay Outputs
 - 2 Analog Outputs on dimming model
- Dimming model applicable on platforms w/dimming capable Controller Board only

General Specifications

Construction: 20ga steel white powder coat finish
 Dimensions: 5.063"(129mm)H x 10.00"(254mm)W x 2.50"(64mm)D
 Weight: 3lbs (1.36kg)
 Mounting: 4" or 4 11/16" junction box (Check local code requirements)
 Operating Environment: 0-140°F(-18-60°C), 10-90% RH, non-condensing
 Type 1 (dry / indoor environment)
 Plenum Rated

Power

Input: 120- 277VAC, 50/60hz, +/- 10%, single phase, 20A circuit
 Output: 24VDC, 200mA total

Certifications

UL Listed, UL916/UL924, US/Canada

Warranty

Five (5) year limited manufacturer warranty from date of shipment (extended warranty optional).

Wire/Cable Specifications

Universal Input RP-CB:

Two-wire inputs, 24VDC
 Configurable: Digital Input (DI), Analog Input (AI): 0-5VDC, 0-10VDC, or 4-20mA
 Wire Requirement: 18AWG / Max 500' (152m)

Relay Outputs FI1:

Maximum Ratings: Tungsten 20A @ 277VAC / Magnetic Ballast 20A @ 277VAC / Electronic Ballast 16A @ 277VAC / Resistive 20@ 277VAC / 1.5HP @ 120VAC
 Wire Requirement: 14-10AWG (Solid or Stranded copper wire only)

Analog Output:

Compatibility: 0-10VDC dimming ballasts (see Ballast Compatibility Data Sheet for details)
 Sink / Source: 100mA, SourceL 5mA per output
 Wire Requirement: 18AWG / Max 1000' (304m)

Load Status FI1:

Two-wire Inputs, 24VDC
 Wire Requirement: 18AWG / Max 500' (152m)

Line Voltage Input:

2 inputs utilize same power as line 1 or 2
 Configurable: Maintained or state-change
 Wire Requirement: 14-10AWG (Solid or Stranded copper wire only)

CANbus Specifications

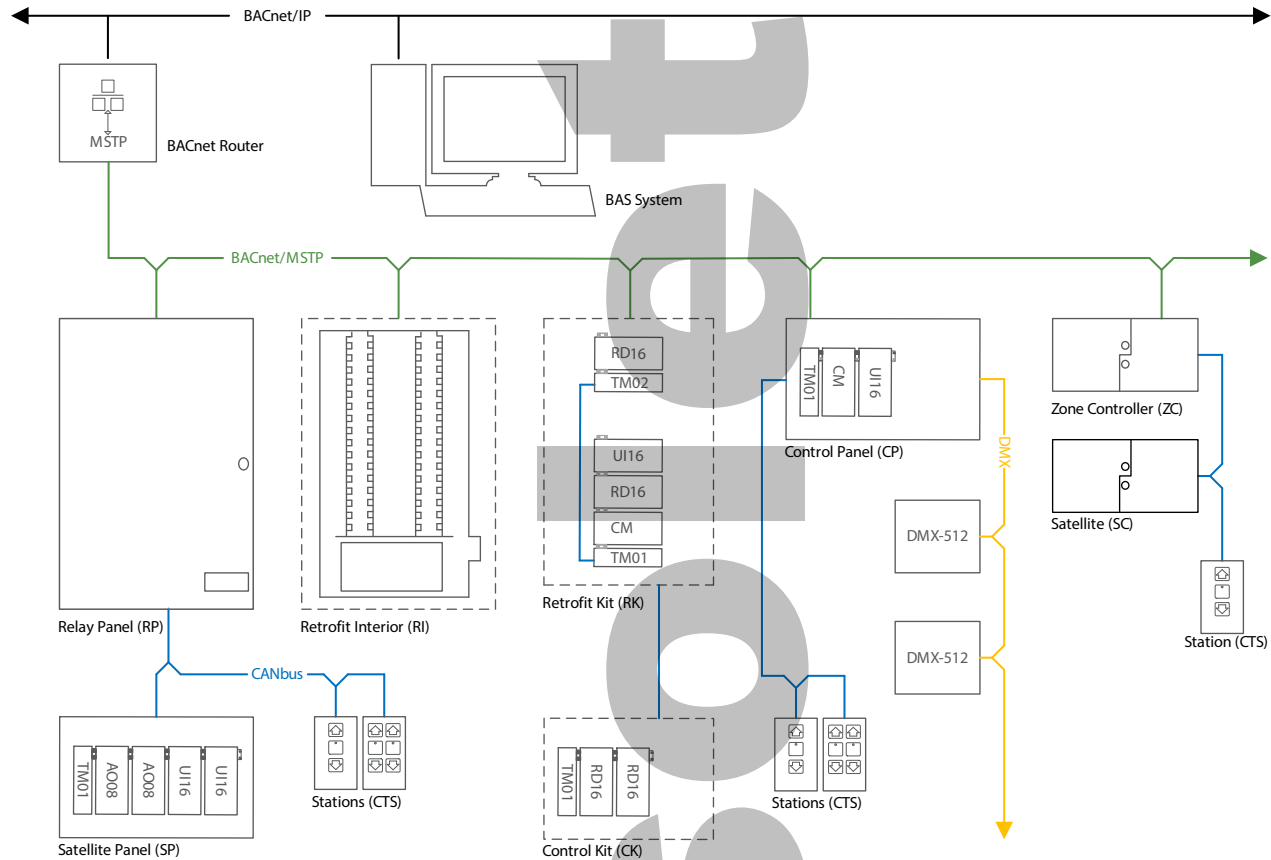
Compatible with CTS and Satellite devices. See individual data sheet for details.

Topology: Daisy Chain Wiring only

Wire Requirement: See Cabling Data Sheet

Network Termination: Jumper

System Architecture



Ordering Information

SC DS - XX

Power Options
XX = 00 120, 230, 277VAC