CoreSync
LED Relay Zone Controller 0-10V

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The LED Relay Zone Controller uses wireless technology to communicate with other wireless, self-powered components

The compact size enables flexible installation inside of or next to electrical boxes and fixtures so the LED Relay Zone Controller can be easily wired out of sight using standard wiring practices. Simply link the module to a CoreSync motion sensor, light sensor, switch or rocker pad and experience levels of efficiency and convenience that can only be achieved through wireless controls

MODEL
180997-0003

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Features and Benefits

CoreSync Interoperable	Communicates wirelessly with other CoreSync devices. Supports California Title 24 daylight harvesting scenarios via wireless input
120-277VAC voltage range	Allows wireless control of line-voltage lighting fixtures within same CoreSync Network
Daisy chain capability	Enables wireless dimming of a single fixture or zone of daisy-chained fixtures
Compact size	Accommodates mounting positions inside of or next to electrical boxes or fixtures
Surge protection	Provides safe operation exceeding IEC 61000-4-5 installation Class 4

Specifications

Power Supply: 120/277VAC, 60Hz
Maximum load:
   General purpose: 16A @ 120/277VAC
   Resistive: 16A @ 120/277VAC
   Tungsten: 960W @ 120VAC
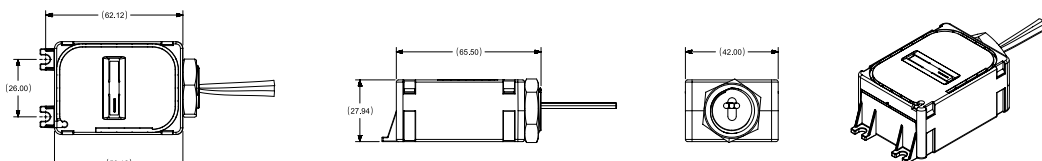   Ballast: 600W @ 120VAC
0-10V output: Current sinking 35mA / sourcing 4mA
   For high sinking current and dim values below
   10%, the output voltage may exceed the
   selected output value and reach 1V max.

Power consumption:
   1.1W full load, 550mW quiescent
Surge protection:
   Exceeding IEC 61000-4-5 installation Class 4
Input/output: Flying lead-style wires; 2 power input;
   1 switched output; 2 output for 0-10V control;
   2 buttons, one LED for device configuration and
   manual control
RF communications: EnOcean 902MHz
Transmission range: 80 ft. (25m)
Dimensions: 2.78" H x 1.65" W x 1.1" D
   (73mm x 42mm x 28mm)

Weight: 3.2 oz. (90 g)
Mounting: Inside standard electrical box or connect to
   electrical box or fixture using threaded nipple
Environment: Indoor use only; 32° to 140°F
   (0° to 60°C); 20% to 85% relative humidity
   (non-condensing)
Agency compliance: ETL Certified
   FCC: SZV-STM300U
   IC: 5713A-STM300U
EnOcean equipment profile: D2-40-00

Ordering Information

Molex Number	Description
180997-0003	LED Relay Zone Controller, 0-10V – 902 MHz
180997-0103	LED Relay Zone Controller, 0-10V – 868 MHz

www.CoreSync.molex.com