

# CoreSync

## LED Relay Zone Controller 0-10V



### 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



### 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

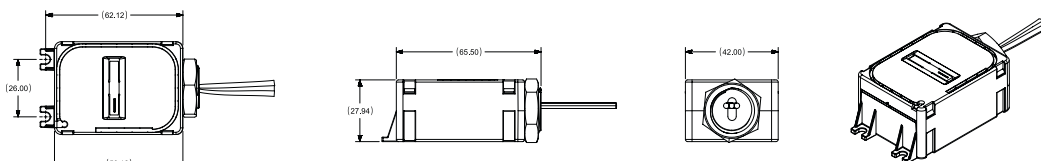
0-10V output: Current sinking 35mA / sourcing 4mA  
For high sinking current and dim values below 10%, the output voltage may exceed the selected output value and reach 1V max.

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](http://www.CoreSync.molex.com)

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