

# Transcend® LED Relay Zone Controller 0-10V

**molex®**

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 Transcend® 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

Transcend® Interoperable	Communicates wirelessly with other Transcend® 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 Transcend® 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

[www.molex.com/cl/transcend](http://www.molex.com/cl/transcend)

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