



Home Automation Made Simple.



Ultra-reliability with No New Wires!

Model UFD/UFR Wire-in UPB Controllers for Lighting & Appliances

DESCRIPTION

Models UFD/UFR are wire-in fixture modules designed to control the operation of 120VAC appliances, and lighting based on digital commands received over the powerline. These modules communicate using the ultra-reliable Universal Powerline Bus (UPB) technology. UPB devices such as these are easily integrated to provide a flexible, low-cost alternative to hardwired or RF home automation strategies.

- **Model UFD** delivers ON/OFF and dimming control for lamps up to 300w
- **Model UFR** delivers ON/OFF control for lighting and appliances up to 12A

These modules fit easily inside a standard outlet box, or they can be mounted to other surfaces using screws/ties. Fixture modules connect directly to the existing household power wiring. The device connected to the module can be operated manually using a UPB wall switch or multi-button controller, or automatically via PC or home automation server.

SPECIFICATIONS

UFR **Power:** 120VAC +/- 10%, 60Hz
 Output:
 Max Load: 12A or 1/3HP motor
 Output Type: Contact closure

UFD **Power:** 120VAC +/- 10%, 60Hz
 Output:
 Max Load: 300W at 120VAC (2.5A)
 Output Type: Triac, 25A

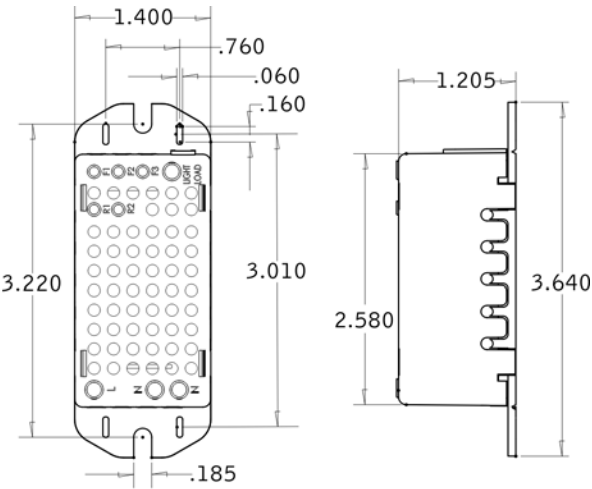
Connections: #14 AWG stranded pigtails, 6"
Operating Temperature: 30-120°F (0-50°C)
Dimensions: 3.6"H x 1.4"W x 1.2"D (91 x 36 x 30mm)
Weight: 6 oz. (170g)
Mounting: Standard outlet box; screws or ties can be used to mount in other locations. Mounting ears are designed to break away for compact installations.



Model UFD – Wire-in Fixture Module – Dimming
Model UFR – Wire-in Fixture Module – Relay

DIMENSIONS

Model UFD/UFR



CONNECTIONS

Wire Color	Model UFD	Model UFR
Black	AC Line	AC Line
White	AC Neutral	AC Neutral
White	AC Neutral	AC Neutral
Brown	Load	Load
Brown/White	Traveler	Traveler

