

Model UFD/UFR

Fixture Dimmer / Relay - Timer Modules

For wired-in, 'hidden' control and timed-off control of Lighting & Appliances

DESCRIPTION

Models UFD/UFR are wire-in fixture modules with timer feature, designed to remotely control 120VAC appliances and lighting using Universal Powerline Bus (UPB) commands and scene-links received over the powerline. These modules are easily added to a powerline network and configured for ultra-reliable dimming and On/Off control with [UPStart](#) (PC based) software. They can also be directly wired/controlled with a remote switch (model USR) and provide a flexible, low-cost alternative to hardwired or RF home automation strategies.

- **Model UFD** delivers ON/OFF, dimming and timed-off control for lamps and lighting fixtures up to 300W
- **Model UFR** delivers ON/OFF and timed-off control for lighting, appliances, fans and pump/motors up to 12A

These modules fit easily inside a standard electrical junction box and have snap-off mounting ears for tighter installs, or they can mount to other surfaces using screws/ties. Fixture modules connect directly to the existing household power wiring. The light-load connected to the module can be operated manually using a UPB wall switch or multi-button controller, or automatically via scheduler-timer (model UCS), PC or home automation server.

Manual scene-link modification capabilities are unique to Simply Automated devices. A user can easily change existing scenes, adding or removing devices and adjusting light levels, by pressing rocker/buttons in a specific sequence (see User Guide for details) without using UPStart.

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

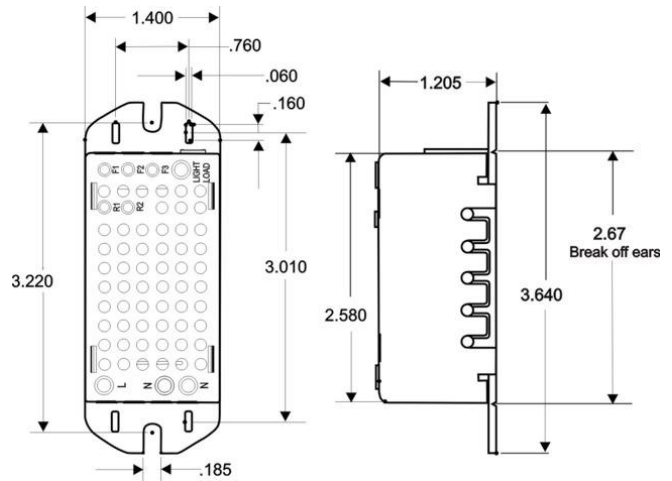
- Connections:** #14 AWG stranded pigtails, 6"
Operating Temperature: 30 to 120°F (0 to 50°C)
Dimensions: 3.6"H x 1.4"W x 1.2"D (91 x 36 x 30mm)
Weight: 6 oz. (170g)
Mounting: Standard outlet box; screws or ties can be used to mount in other locations. Mounting ears are designed to break away for compact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