

RF310

## Your controls investment pays off with:

ACT Powerline Control Components (PCC) Box Mounted feed through relays and Fixture Modules provide users with unmatched versatility and convenient installation. The modules install at panels, junction boxes, in fixtures or right at the load site. This type of installation is fast, inexpensive, and also allows for great flexibility in load control planning as the switching modules can be placed anywhere in the circuit to control the entire circuit, or only selected loads.

Load control planning with PCC requires no redesign of circuits or the addition of expensive dedicated wiring to each control point.

PCC Box Mounted Modules and Fixture Modules control electrical loads, or groups of loads, in response to coded command signals they

receive from any PCC controllers. They have no local override.

Box Mounted Modules can be supplied with optional metal domed cover (Part # AE020) to conceal the address code selectors. Fixture modules, intended for control of fluorescent or incandescent fixtures, are equipped with leads and an adhesive mounting strip.

Some models have Automatic Gain Control (AGC), a self compensating circuitry which allows reliable operation despite variations in the signal strength reaching the receiver.

For a more detailed description of the PCC operation and a catalog listing of Box Mounted Modules, Fixture Modules, and Surface Mount Modules, see reverse side.

- Single-pole and double-pole relays
- Fluorescent and incandescent lighting controls
- 20A relays rated 120 VAC, and 277 VAC
- 5A relays rated 277 VAC
- Inductive and resistive load feed thru relay rated 208/240 VAC
- Color coded pre-cut insulated leads
- UL Listed
- Covered by Act's Limited Two Year Warranty

**THE PCC CONTROLS PAYOFF - HOW IT WORKS:**

The Powerline Control Components (PCC) are electronic controls designed for industrial and commercial installations. They can be used to provide centralized, automatic remote control of electrical loads by employing a powerline carrier signal superimposed upon existing AC power lines supplying the loads. This concept offers a considerable saving in installation costs. Installed PCC components can be operated by utilizing the programming capabilities of a microcomputer which can control 256 separate addresses; each address switches up to 50 receiver modules and their respective loads as a group. With either the microcomputer or programmable controller, manual override can be exercised without affecting programmed memory. Wall mounted manual controllers for localized area control are also available.

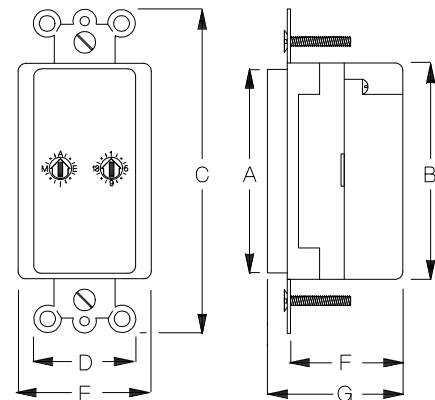
The PCC devices are compatible with the various distribution system voltage levels, either single or three-phase AC, that are normally encountered in industrial/commercial applications. PCC devices can be used to implement a spectrum of control strategies enabling time of day switching, duty cycling, and demand limiting to be programmed, and resulting in man-hour savings by relieving personnel from routine, manual switching operations.

For further information on the ACT Powerline Control Components refer to the PCC Brochure, or contact your authorized Engineered Systems Center.

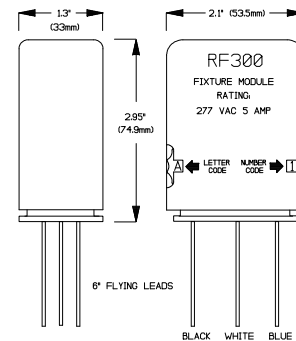
CATALOG NO.	PRODUCT DESCRIPTION
	<b>BOX MOUNTED MODULES</b>
RB310	Single Pole - 20A, 277 VAC, Feed Thru Relay, no "ALL LIGHTS ON"
	<b>FIXTURE MODULES</b>
RF100	Single Pole - 20A, 120 VAC Feed Thru Relay w/"ALL LIGHTS ON" and AGC
RF300	Single Pole - 5A, 277 VAC, Feed Thru Relay, w/"ALL LIGHTS ON"
RF310	Single Pole - 20A, 277 VAC Feed Thru Relay w/"ALL LIGHTS ON"

RB310 RATING:  
 20 Amps  
 277 VAC (+/-10%) 60 Hz

DIMENSIONS:  
 A: 2.6 in. (66.5mm)  
 B: 2.75 in. (70mm)  
 C: 4.1 in. (104mm)  
 D: 1.8 in. (33mm)  
 E: 1.7 in. (43mm)  
 F: 1.4 in. (35.5mm)  
 G: 1.7 in. (43mm)



RB310



RF300