



Catalog Number	
Notes	Type

FEATURES

The Remote Dimmer Module (RDMI) provides remote control dimming and switching for a variety of lamp sources in response to the phase control output of another dimming device. The RDMI is powered independently from the controlling device, making it ideal for expanding dimming capacity or mixing lamp voltages on a single system.

- Dimmer controls incandescent, magnetic low voltage, halogen and neon/cold cathode lighting
- 1920 watt capacity at 120 volts
- Mounts to standard 4" J-box
- Electronic soft start of lamps
- LED indicators for line and control power
- Convection cooled
- Square law dimming
- Integral air gap relay

SPECIFICATIONS

FUNCTIONAL

- Provides dimming of up to one full circuit of lighting in response to a control signal from the output of a compatible dimmer channel.
- Dimmer: Universal type, suitable for incandescent, magnetic low voltage, neon, cold cathode and tungsten halogen sources.
- Control Input: Dimmed output (phase control) from a SQIDC or ISD I dimmer.
- Output: Linear with respect to control input within 10%.

ELECTRICAL

- Dimmer Capacity:
 - 1920VA at 120V incandescent, tungsten halogen;
 - 1920VA at 120V neon, cold cathode and magnetic low voltage dimming ballasts;
- Input Power: May be a separate branch circuit or shared with the controlling dimmer circuit.
- Phasing: No phase relationship required between RDM and the controlling dimmer.
- Relay: Air gap for positive *on/off* operation.
- Indicators: Separate LED for input power and control power.
- Termination: Terminal Blocks

MECHANICAL

- Enclosure: NEMA 1; CRS with extruded aluminum heat sink; rated for use in return air plenum.
- Mounting: Any orientation; replace cover on standard 4" J-box.

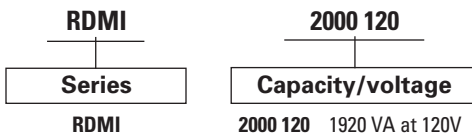
Remote Incandescent Dimmer Module

RDMI 2000 120



ORDERING INFORMATION

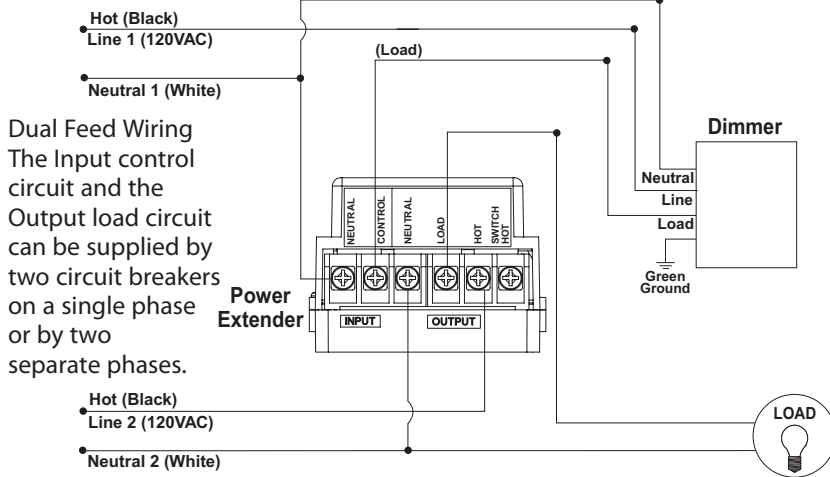
Example: **RDMI 2000 120**



RDMI Remote Incandescent Dimming Module

WIRING DIAGRAMS

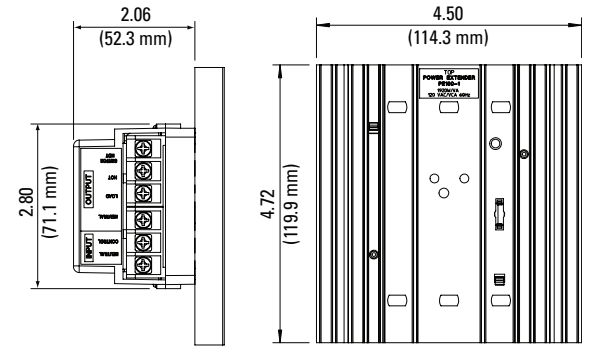
Single Feed with Dimmer



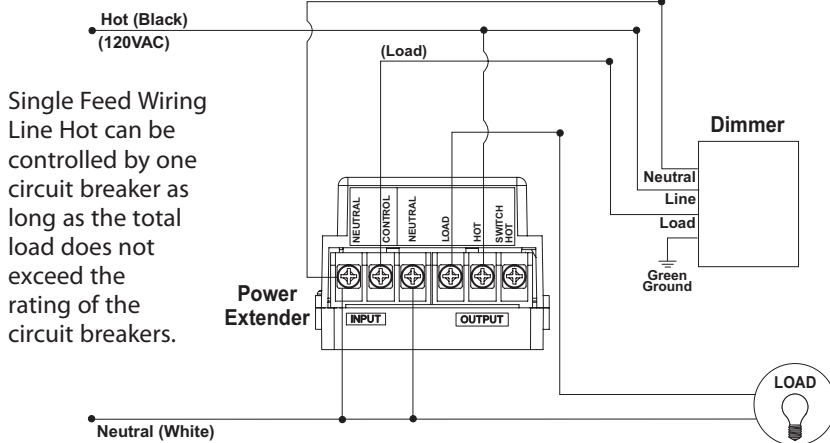
Dual Feed Wiring
The Input control circuit and the Output load circuit can be supplied by two circuit breakers on a single phase or by two separate phases.

DIMENSIONS

All dimensions are in inches (millimeters).

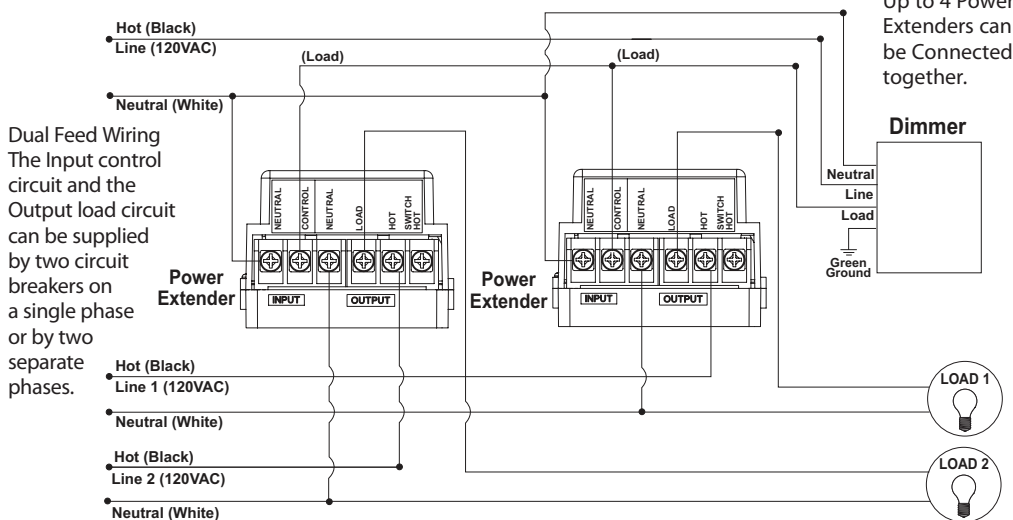


Dual Feed with Dimmer



Single Feed Wiring
Line Hot can be controlled by one circuit breaker as long as the total load does not exceed the rating of the circuit breakers.

Dual Feed with Dimmer and 2 RDMs



Note:
Up to 4 Power
Extenders can
be Connected
together.

Dual Feed Wiring
The Input control circuit and the Output load circuit can be supplied by two circuit breakers on a single phase or by two separate phases.



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