

## Single-Phase Slave (PSU-20)

A cost-effective way to expand the capacity of your control system

The Single-Phase Slave is an affordable way to increase the capacity of your Phason slave-capable control system. The following Phason controls are slave-capable.

- ◆ Supra 16-stage control (models SUPRA and SUPRA-RS)
- ◆ Programmable Lighting Controls (models PLC-1 and PLC-2)
- ◆ Heat Mat Control (model HMC)

The Single-Phase Slave has a 20 amp variable AC stage for controlling loads such as variable-speed fans, heat lamps, or incandescent lights. Installation is simple and requires no additional configuration; all slave units follow the programs and settings of the master control.

### Features

- ◆ One variable AC stage
- ◆ Expandable using additional slaves
- ◆ Rugged enclosure (corrosion resistant, water resistant, and fire retardant)
- ◆ CSA approval
- ◆ Limited warranty (two years)



### Electrical ratings

- ◆ **Input** 120 VAC, 50/60 Hz
- ◆ **Variable AC stage** 2300 W at 120 VAC  
20 A at 120 VAC, general-purpose (resistive)  
7 FLA at 120/230 VAC, PSC motor  
1/2 HP at 120 VAC, 1 HP at 230 VAC, PSC motor

### Additional information

- ◆ The Single-Phase Slave must be on the same phase as the master control. If you are using a Programmable Lighting Control, the more advanced Three-Phase Slave (PLC-2SDC) does not require all units to be on the same phase, allowing you to distribute the load across all three phases.
- ◆ For more information about slave units or other Phason products, contact your dealer or visit [www.phason.ca](http://www.phason.ca).

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# Three-Phase Slave (PLC-2SDC)

Increase the capacity of your lighting control system

The Three-Phase Slave (model PLC-2SDC) has one 20 amp variable AC stage for dimming incandescent lamps, and a light-level-controlled disconnect relay. The high-capacity internal relay eliminates the requirement for an external disconnect switch.

Installation is simple and there is no additional configuration required; all slave units follow the lighting programs of the master control.

The Three-Phase Slave is compatible with Phason's Programmable Lighting Controls (models PLC-1 and PLC-2).

## Features

- ◆ Variable AC output
- ◆ Disconnect relay
- ◆ Expandable capacity using additional slaves
- ◆ Alarm relay
- ◆ Rugged enclosure (corrosion resistant, water resistant, and fire retardant)
- ◆ CSA approval
- ◆ Limited warranty (two years)



## Electrical ratings

- ◆ **Input** 120 VAC, 50/60 Hz
- ◆ **Input fuse** 250 V, 1 A fast-acting glass
- ◆ **Variable AC output** 2300 W at 230 VAC  
20 A at 120 VAC, general-purpose (resistive)
- ◆ **Disconnect relay** 20 A at 120 V tungsten, 20 A at 230 V ballast  
1 HP at 120 VAC, 2 HP at 230 VAC
- ◆ **Control signal** 0 to 10 VDC
- ◆ **Alarm relay** 0.4 A at 125 VAC; 2 A at 30 VDC, resistive load  
0.2 A at 125 VAC; 1 A at 30 VDC, inductive load

The Three-Phase Slave can control lighting connected to any phase, giving you the ability to distribute lighting loads between all phases on a three-phase system.

## Additional information

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