



OSC POWER COMPONENTS

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- Input - 16.5VAC
- The Backup Battery system addresses problems from external power failure

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REGULATED POWER SUPPLY BOARD

The standard power supply (ICS part number # PSS010), manufactured by Alarm-SAF as model PS-5-BD, includes operational features desirable in command and control applications. An output is available for reporting the selected fault condition. When its switch selectable output is set to 12V, it provides the fully regulated DC power required to operate the OSC. Features include:

- Dimensions: 7.00" (H) 5.00" (W) by 1.125" (D).
- Operating Environment: 40 - 115 degrees Fahrenheit, 10%-90% RH
- Output Voltage: 13.8 VDC Regulated, 4.0 Ampere maximum capacity.
- Stand-by battery connection with trickle charger to keep connected batteries charged.
- Switch Selectable Fault Detection with Reporting Output. Options are:
 - Low AC/No AC/Blown AC Fuse,
 - Low Battery/Output,
 - Blown Battery Fuse.
- Visual Status Indicator LEDs include:
 - AC Input Presence
 - Fault Condition Presence
- Input Voltage: 16-18 VAC
- Overload Protection: AGC-10 Fuses at AC input and battery input.
- Labeled screw connectors at all connection points.
- Backup Capacity: 38Ah

POWER FAULT ANNUNCIATION RELAY

The standard power fault relay (ICS part number # PSR010) is manufactured by Alarm-SAF as model RBK-624, is designed to be integrated with the regulated power supply by changing state upon occurrence of the selected fault. The relay contacts can be used to switch 1A @30 VDC or 0.5A @120 VAC upon fault occurrence.

PLUG-IN TRANSFORMER

The plug-in transformer (ICS part number #PST015), provides low-voltage input to the regulated power supply in lower power installations where the OSC 12VDC current requirements are 2.0 Amperes or less. It is a Class 2 (not wet) type rated at 16.5 VAC @ 50 VA.

BATTERY BACKUP

12-volt batteries can be connected to the regulated power supply and be used to power the OSC controller in the case of loss of AC input. Up to three 12-volt, 7.0 Ampere-hour sealed lead acid batteries, such as the Yuasha Type NP7-12, can be mounted in the OSC Protective Enclosure. The regulated supply's built in charger will support up to 38 Ah backup battery capacity.

OSC POWER HARNESS

The OSC Power Harness (ICS part number #PSH010) is a fully assembled cable and mating connector set used to properly connect 12 Volt DC to the OSC Base Board and one, two, or three OSC Expansion Boards. Polarized power connectors and cable lengths provided are designed for installation with the OSC four-set chassis configuration. A quick disconnect, polarized connector is installed in the 18-inch power input pigtail cable.

READER POWER HARNESS

The Reader Power Harness (ICS part number #PSR015), provides an assembled cable and connector pins used to connect power to readers external to OSC power. Power connector pins which mate to the OSC power connectors and cable lengths are designed for installation with the OSC Base Board and one, two, or three OSC Expansion Boards installed in the four-set chassis configuration. An 18-inch power input pigtail is provided.

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