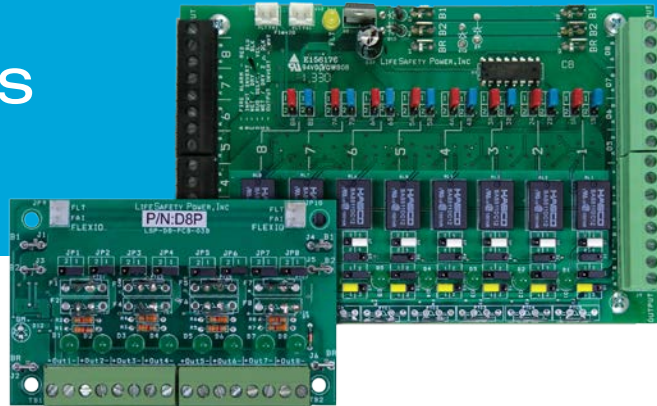


PSX Power Solutions Input/Output Accessory Modules



Features That Make a Difference:

- PSX Power Distribution Module
 - Multiple outputs for auxiliary power distribution or direct lock control and additional accessory power distribution modules
 - Dual Buss Architecture for field selectable Buss 1 or Buss 2 output
 - Fire Alarm Interface (FAI) for egress lock control when used with the DC2 output of a PSX power supply
 - Configurable fail-safe, fail-secure modes of operation when connected to an PSX power supply
 - Multiple modules can be daisy chained to add additional outputs
 - Snap-in style mounting standoffs with fast-on connect cables for easy field installation
 - Visual Indicators - green LED per output
 - RoHS compliant, lead free design
- PSX Lock Distribution Board
 - Multiple outputs for direct lock control and additional accessory power distribution modules
 - Dual Buss Architecture for field selectable Buss 1 or Buss 2 output
 - Colored coded by function configuration jumpers for ease of programming
 - Configurable fail-safe, fail-secure, and dry contact modes of operation
 - Fire Alarm Interface (FAI) when used with an PSX power supply
 - Fault detection and reporting to host power supply
 - Multiple modules can be daisy chained to add additional outputs
 - Snap-in style mounting standoffs with fast-on connect cables for easy field installation
 - Visual LED Indicators - yellow fault, green per output
 - RoHS compliant, lead free design

PSX Power Distribution Module

PSX Power Distribution Module adds eight Class 2 power-limited outputs to a PSX power supply for power distribution, is used to power auxiliary equipment, and is typically supplied as part of a system or purchased as an expansion piece to an existing system.

PSX Power Distribution Module (D8P) provides eight auxiliary power outputs that are individually protected by a solid state circuit breaker rated at 2.5A. Each output is jumper programmable to either of the two voltages available when used in a dual voltage power system, or to the continuous or resettable output of the PSX power supply when used in a single voltage system.

PSX Lock Distribution Board

PSX Lock Controller Module (C8P) adds eight Class 2, power-limited outputs to a PSX power supply for “buffered” lock control and is typically supplied as part of a system or purchased as an expansion piece to an existing system.

PSX Lock Controller Module provides eight access control inputs capable of voltage or dry contact activation and eight relay controlled outputs, individually protected by a solid state circuit breaker rated at 2.5A per output. All outputs are programmable for fail-safe, fail-secure, dry-contact, and fire alarm override for egress lock control. All outputs are also programmable to either of the two voltages available when used in a PSX dual voltage power system. The outputs are supervised for voltage and/or blown fuse with the fault reported to the host power supply.

PSX Monitored Distribution Board

A network monitored version of this module (M8P) is available to provide additional capabilities of remote reporting, remote alert notifications, remote control, and programmable trigger points to the PSX Lock Controller Module function. This monitored product version must be used with the optional PSX Network Communications Module.

Specifications

Outputs

Power Distribution Module (D8P) . . . Eight
 Lock Controller Module (C8P) Eight
 Monitored Controller Module (M8P) . . Eight
 Access Control Inputs (C8P) Eight
 Input Voltage 12V DC and/or 24V DC
 Output Voltage
 (Jumper Select) 12V DC or 24V DC
 Fire Alarm Interface Yes
 Output Current PTC, 2.5A per output
 Supports Follow on Modules. Yes

Physical

Dimensions (W x L)
 Power Distribution Module (D8P) . . . 6.4 x 10 x (2.5 x 4.0 in)
 Lock Controller Module (C8P) 10 x 15 cm (4.0 x 6.0 in)
 Monitored Controller Module (M8P) . . 10 x 15 cm (4.0 x 6.0 in)
 Weight
 Power Distribution Module (D8P) . . . 0.11 kg (0.25 lb)
 Lock Controller Module (C8P) 0.23 kg (0.50 lb)
 Monitored Controller Module (M8P) . . 0.23 kg (0.50 lb)
 Operating Temperature 0° to 50°C (32° to 122°F)

Regulatory

Tested by UL UL294, UL603, FCC Part 15 Subpart B
 Tested by ETL UL294, UL603, UL1076, FCC Part 15,
 Subpart B, ULC S318, ULCS319,
 ULCS527, CSA C22.2#107.1, CSA 22.2
 #60950, CSFM Approved/CE/RoHS

Module Programming for Lock Controller Module (C8P / M8)

Inputs may be programmed to:

- Application of voltage between 9 and 33V DC
- Removal of voltage between 9 and 33V DC
- Normally open dry contact transition
- Normally closed dry contact transition

Outputs may be programmed to:

- Voltage output from power supply one
- Voltage output from power supply two
- Fail-safe
- Fail-secure
- Normally open dry contact
- Normally closed dry contact
- Fire alarm interface for egress lock control

Ordering Information

Model Numbers	Description
PSX-D8P	PSX Power Solutions eight output distribution board, PTC
PSX-C8P	PSX Power Solutions eight output lock module, PTC
PSX-M8P	PSX Power Solutions eight output monitored lock module, PTC

Related Products



C•CURE 9000



iSTAR Controllers



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Approvals

