

# Securitron® D8/D8P Power Distribution Module

ASSA ABLOY

## Quick Start Guide

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and more open world

### Overview

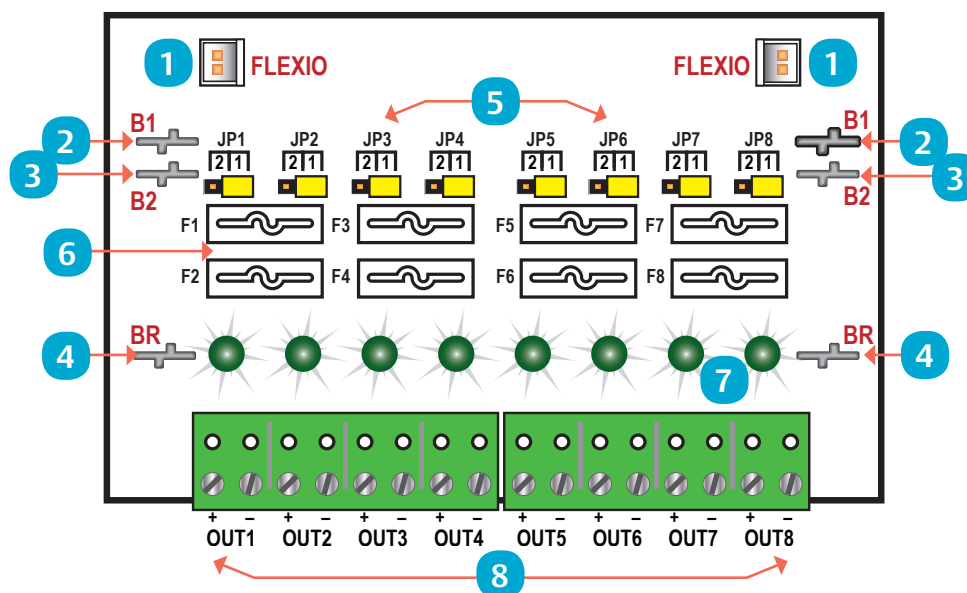
- 1 FlexIO Connectors** – These connectors pass the FlexIO buss through the D8 to other accessory boards in the system.
- 2 B1 Connectors (J1 & J4)** – These fastons are for connection to the B1 voltage buss in the system. The voltage on the B1 buss comes from the main output of an Securitron AQL power supply. This voltage will be directed to any outputs whose Output Selection Jumper is set in the B1 position.
- 3 B2 Connectors (J3 & J5)** – These fastons are for connection to the B2 voltage buss in the system. The voltage on the B2 buss comes from the main output of an Securitron AQL power supply in a dual voltage system. This voltage will be directed to any outputs whose Output Selection Jumper is set in the B2 position. If the D8 is being used in a single voltage system, these fastons can be left unused.
- 4 BR Connectors (J2 & J6)** – The DC Common buss in the system. All boards in the system must have their BR fastons wired together for proper operation.
- 5 Output Selection Jumpers (JP1 – JP8)** – These jumpers select which voltage buss input is selected for the output. Jumper numbers correspond with the zone number (e.g. JP1 is the jumper for OUT1). Possible settings are as follows:
  - **Position 2 (LEFT)** – B2 Buss
  - **Position 1 (RIGHT)** – B1 Buss
  - **Removed** – Disable Output

Specifications and more details  
found in the full manual here.  
(Downloadable pdf)



- 6 Output Fuses (F1 – D8)** – When using the fused version of the D8, these are the fuses for each zone output. Fuse numbers correspond with the zone number (e.g. F1 is the fuse for OUT1). When using the PTC version of the D8, the fuse will be replaced with a soldered-in PTC.
- 7 Output LEDs (D1 – D8) (Dual Color – GREEN/BLUE)** – These LEDs indicate the availability of voltage on a zone's output. When voltage is available on the output terminals, the LED is lit. GREEN 12 VDC | BLUE 24 VDC. LED numbers correspond with the zone number (e.g. D1 is the LED for OUT1).
- 8 Zone Outputs (Out1 – Out8)** – These are the zone output terminal strips. These terminal strips are removable and accept wire sizes from AWG 14 – AWG 22. The terminals are labeled on the PC board underneath the terminal strip.

**CAUTION** When powering magnetic loads such as maglocks, door strikes, solenoids, etc, each of these loads must have a reverse protection diode either built-in or external to the device



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Patent pending and/or patent [www.assaabloydss.com/patents](http://www.assaabloydss.com/patents)

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