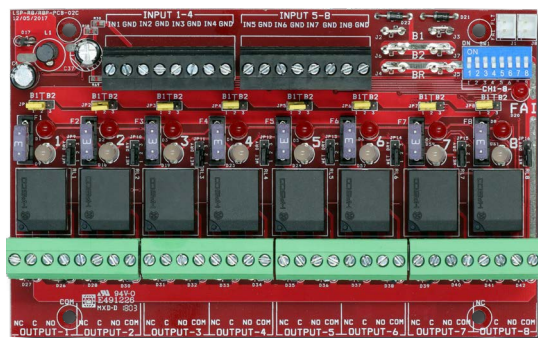


# VANTAGE™



## ELECTRICAL RATINGS

Parameter	Rating
Lock Outputs	Eight (8)
Access Control Inputs	Eight (8)
Input Voltage	12 and 24 VDC
Input Current	20 Amps
Output Voltage (Jumper Select)	12 or 24 VDC
Output Current R8	Fused at 3A per output
Output Current R8P	Class II at 2.5A per output
Relay Contact Rating	12A @ 28V
Fire Alarm Interface	Per Output
Supports follow on modules	Yes
Operating Temperature	32 to +122F (0 to +49C)
Dimensions	6.00L" x 4.00W" x 2.5D"
Weight	1 lbs.

### Agency Approvals:

- UL294, UL603, UL1076
- ULC S318, S319, CSA C22.2#107.1, CSA 22.2 #60950
- CSFM Approved | ROHS Leadfree



## OVERVIEW

The Vantage family R8 lock controller modules add eight (8) lock control outputs to a Vantage power supply and are typically supplied as part of a system or purchased as an expansion piece to an existing system.

The R8 module provides 8 access control inputs capable of NO dry contact or open collector activation and 8 relay outputs, programmable for dry contact or powered for failsafe or failsecure locking devices.

Each lock output is individually selectable for either of the two voltages available in a Vantage dual voltage system. OUTSMART™ dual color LEDs visually indicate voltage levels by output (Green for 12V, Blue for 24V). An additional visual indicator (red LED) shows status of the output to be active or inactive.

- Multiple outputs for direct lock control and additional accessory power distribution
- Configurable for fail-safe, fail-secure, and dry contact operation modes
- Fire Alarm Interface (FAI) and fault detection and reporting to the Vantage series power supply
- OutSmart™ Bi Color LED voltage indicators
- Lifetime Warranty

## VISUAL / MECHANICAL

### Visual indicators:

- Relay activation per output - Red LED
- Voltage Level - Bi Color Blue/Green LED

### Mechanical:

- Multiple modules can be daisy chained to add additional outputs
- Snap-in style standoffs with fast-on connect cables for easy field installation
- Fiber glass PCB and high efficiency circuit provides less heat generation leading to a longer service life and lower MTBF
- Dimensions: 6.00L" x 4.00W" x 1.50H"
- Weight: 1.00 lbs.

## ORDERING

**R8** 8 fused outputs at 3 Amps per output. ATM Style

**R8P** 8 class II power limited outputs at 2.5 Amps per output

*Provided with cables and mounting hardware*

## Vantage Series R8/R8P Relay Module

8 Outputs | FAI | Dual Buss Architecture | Bi Color Voltage LEDs | UL/CUL

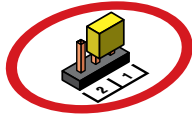
### R8 Module Programming

Output amodes:

- Fail-safe, fail-secure, constant on
- Fire alarm interface or over-ride
- Buss 1 or Buss 2 selection

### FlexConnect® Dual Buss Architecture

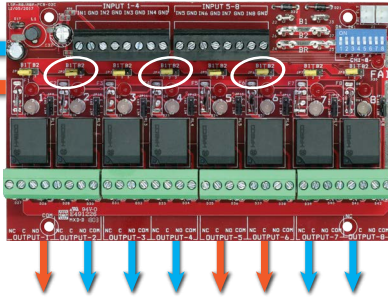
Each output may be individually programmed via jumper setting



yellow jumper setting to  
buss 1 or buss 2 sets output condition

24V buss 1

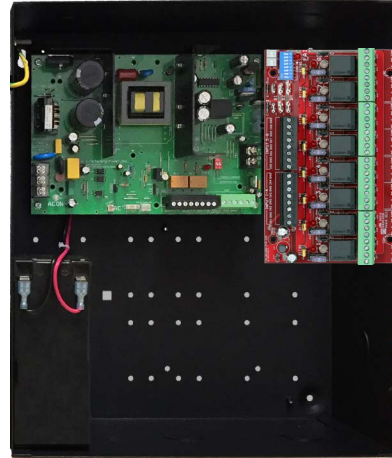
12V buss 2



each output is programmable for 12 or 24V  
in any of 3 different modes

### R8 Access Power Systems

- FPV4-R8E1 | 4A, eight relay outputs
- FPV6-R8E1 | 6A, eight relay outputs
- FPV102-R8E1 | 10A/12V, eight relay outputs
- FPV104-R8E1 | 10A/24V, eight relay outputs



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