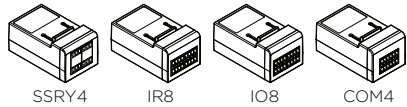


## Quick Reference

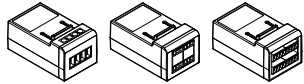


### Modules

Plugin to Modular Controllers



SSRY4 IR8 IO8 COM4



HRY2 RY4 LRY8

[www.commandfusion.com](http://www.commandfusion.com)

Designed Globally  
<http://cfdev.info>

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### MOD-HRY2

The MOD-HRY2 is a modular unit with 2 x 250VAC 15A Latching Relay ports.

This module can be used to switch high amperage loads directly.

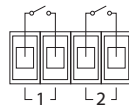
Latching relays will remain in their open or closed state on power loss, allowing loads to return to their previous states without interruption.

**Max Load per Relay Channel**  
**250VAC, 15A**

#### Ports

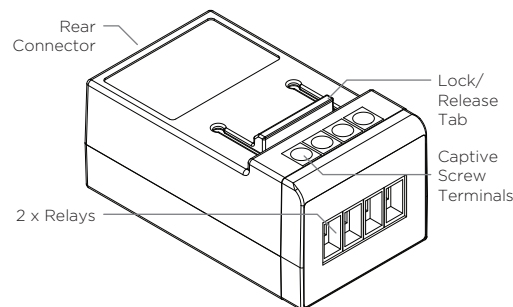
Front of the module has four captive screw terminals, allowing for large gauge wiring.

#### Pinouts



#### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



### MOD-RY4

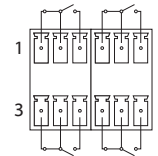
The MOD-RY4 is a modular unit with 4 x 250VAC 5A Non-Latching Relay ports.

**Max Load per Relay Channel**  
**250VAC, 5A**

#### Ports

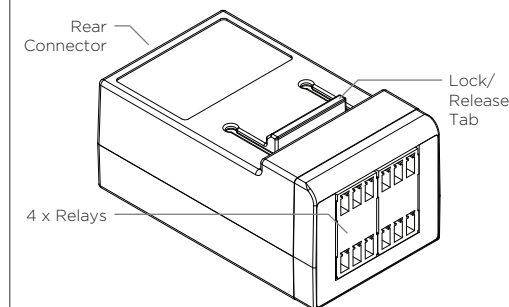
Front of the module has four detachable screw terminal blocks. Each port features two common pins allowing you to easily loop input voltages across multiple ports for simplified wiring.

#### Pinouts



#### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



### MOD-SSRY4

The MOD-SSRY4 is a modular unit with 4 x 250VAC 2A Solid State Relay ports.

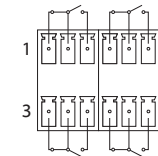
The benefit of solid-state relays are their extremely low noise (almost silent) switching, typical 10x faster switching, dramatically longer lifetime and more reliable (no moving parts).

**Max Load per Relay Channel**  
**250VAC, 2A**

#### Ports

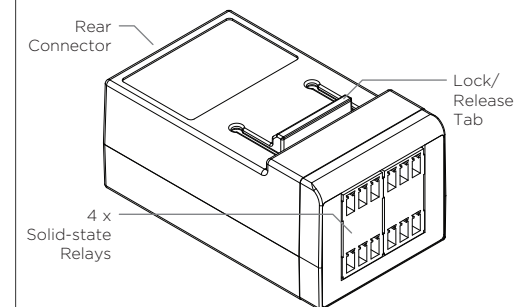
Front of the module has four detachable screw terminal blocks. Each port features two common pins allowing you to easily loop input voltages across multiple ports for simplified wiring.

#### Pinouts



#### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



### Further Information

For further information on getting started see:

<http://qs.commandfusion.com>

## MOD-LRY8

The MOD-LRY8 is a modular unit with 8 x 30VDC 1A Latching Relay ports.

Latching relays will remain in their open or closed state on power loss, allowing loads to return to their previous states without interruption.

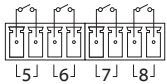
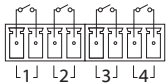
### Max Load per Relay Channel

**30V DC, 1A**

### Ports

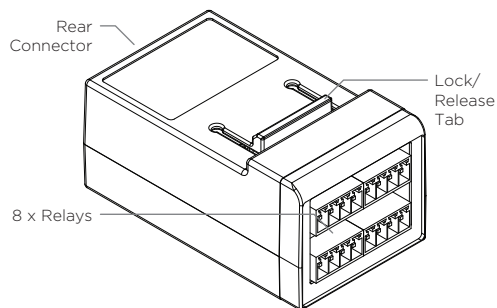
Front of the module has four detachable spring terminal blocks.

### Pinouts



### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



## MOD-IR8

The MOD-IR8 is a modular unit, featuring 8 stackable IR outputs with spring terminals for quick and easy, yet secure connections to IR emitters. Plug it into a modular controller to add IR ports to your system.

### Max Emitter Stacking per IR Channel

**Recommended maximum of 3 IR emitters stacked per channel (24 IR emitters max)**

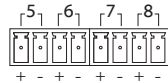
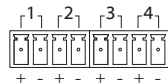
### Power Output per IR Channel

**5V DC, 200mA**

### Ports

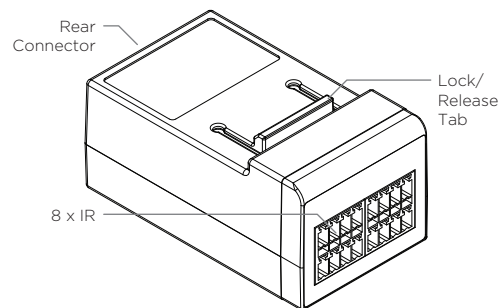
Front of the module has four detachable spring terminal blocks.

### Pinouts



### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



## MOD-IO8

The MOD-IO8 is a modular unit, featuring 8 configurable I/O (input/output) ports with spring terminals for quick and easy, yet secure connections. Plug it into a modular controller to add I/O ports to your system.

### Max Input Voltage

**30V DC, 1A**

### Modes

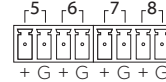
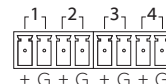
Each port can be customised into any of the following input or output modes:

- Dry Contact Input
- Resistance Reading
- Voltage Reading Input
- Digital Voltage Input
- Video Sensing Input
- External Relay Output
- LED Output

### Ports

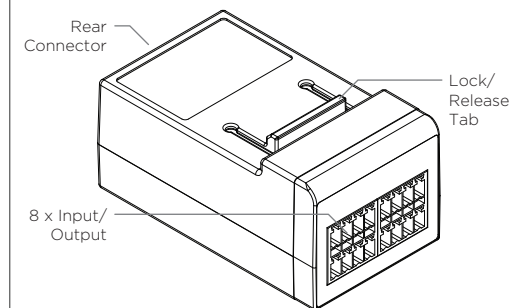
Front of the module has four detachable spring terminal blocks.

### Pinouts



### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).



## MOD-COM4

The MOD-COM4 is a modular unit capable of up to 4 x RS232 ports, also configurable for RS422 and RS485.

### Ports

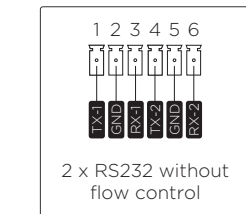
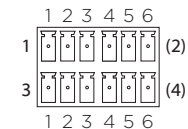
Front of the module has two detachable 6-pin spring terminal blocks, the top row and bottom row.

Each row can be configured as either:

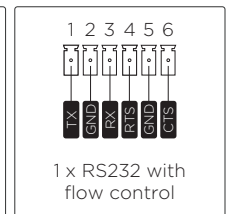
- 2 x RS232 without flow control
- 1 x RS232 with flow control
- 1 x RS485 half-duplex
- 1 x RS485/422 full-duplex

Note that when using any RS232 mode in combination with RS485 or RS422 (any duplex type), the RS232 must be on ports 3 and/or 4 (bottom row). RS232 can never be in ports 1 or 2 (top row) when using alongside RS485 or RS422 (bottom row).

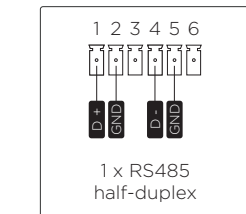
### Pinouts



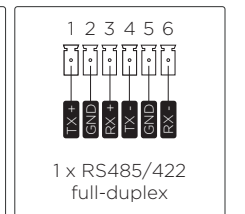
2 x RS232 without flow control



1 x RS232 with flow control



1 x RS485 half-duplex



1 x RS485/422 full-duplex

### Rear Connector

The rear of every module contains a module port, used to connect the module into the modular controller base unit (DIN-MOD4, etc).

