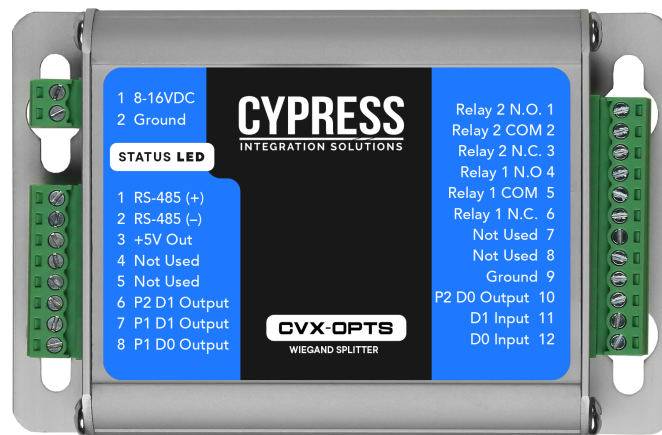
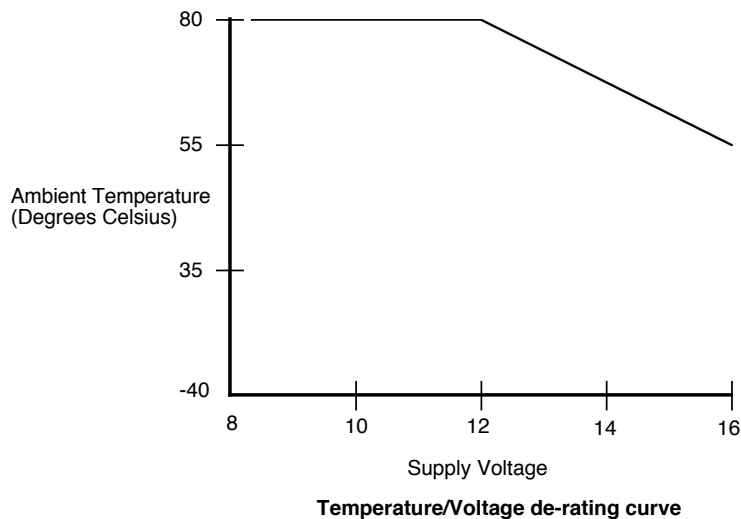


CVX-OPTS_Manual_260610

Cypress CVX-OPTS Intelligent Wiegand Splitter - Specifications

Electrical and Mechanical Specifications		
Physical	Enclosure Dimensions:	4.18" x 2.875" x .75"
	Board Dimensions:	4.09" x 2.34" x .4375"
Environmental	Storage Temperature:	-55°C to + 150°C
	Operating Temperature:	-40°C to +80°C
	Enclosure:	Extruded aluminum, not sealed or weather rated
Humidity	95% (non-condensing)	
Power	Input	Unreg Input 8 to 16 VDC* @ 200mA Max
	Output	+5VDC @100mA
Data I/O	Interface	Reader -Wiegand

The CVX-OPTS units should be operated with a filtered 12 Volt nominal DC supply. Any voltage between 8 and 16 volts can be utilized by following the temperature / voltage derating curve. Voltage should not exceed 16 VDC under normal operating conditions.



FCC Part 15 COMPLIANCE

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Cypress CVX-OPTS Intelligent Wiegand Splitter - Table of Contents

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Cypress CVX-OPTS Intelligent Wiegand Splitter - Conversion, Dimensions, Mounting

Signals from one (1) Wiegand reader are split based on one of the following criteria:

1. Site code
2. Bit count

Note: Must be identified at time of order. Once units are programmed they cannot be modified in the field.

Example 1

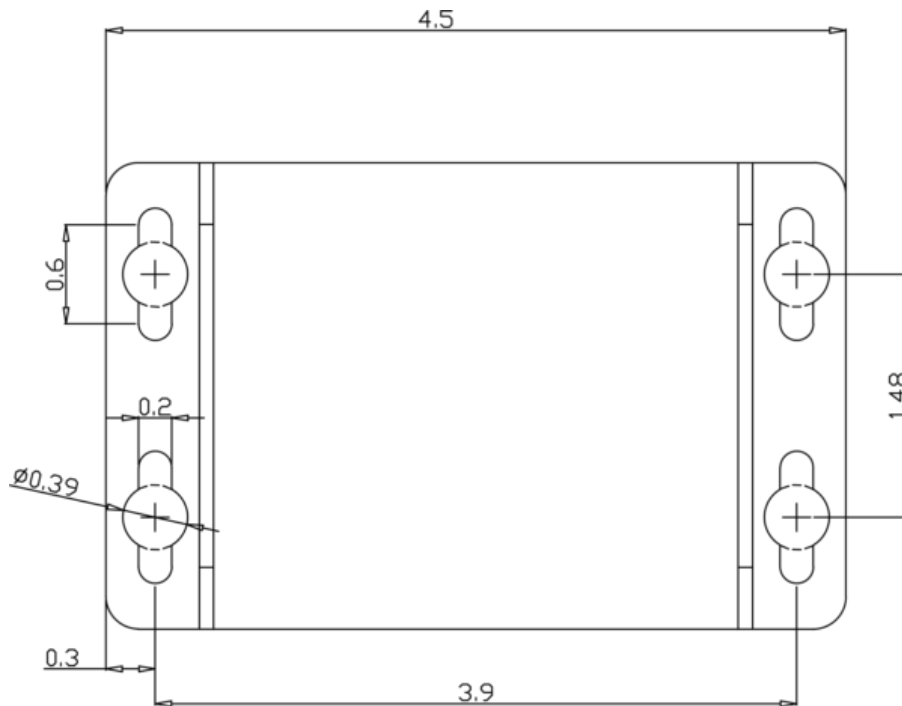
Badge population includes 26 bit , 37 bit and Corp 1000.

Panel 1 only receives Corp 1000 reads and Panel 2 receives all others

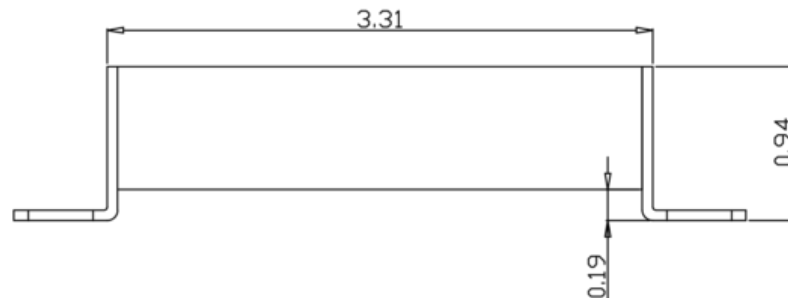
Example 2

Badge population includes all 26 bit badges, with site codes of 123 and 50.

Panel 1 only receives Site code 123 reads and Panel 2 receives only site code 50.



Physical Dimensions and Mounting Hole locations



Cypress CVX-OPTS Intelligent Wiegand Splitter - Wiring Diagram

Wiring Diagram: Wiegand-to-Wiegand, One Reader, Two panels

