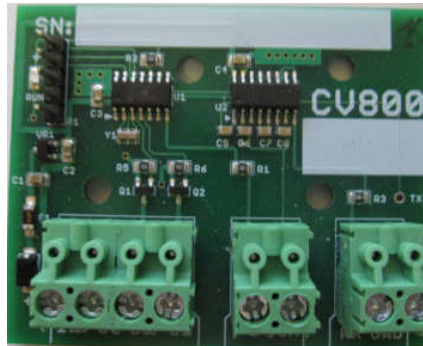


CV800-SES

Serial to Wiegand Converter for SES TEC & CAT Telephone Entry Panels



The CV800–SES series of Serial to Wiegand Converters is designed to interface to the SES™ TEC & CAT Telephone Entry Systems

Description:

When a resident grants access to a Visitor, the CV800 captures the data transmitted from Telephone Entry Panel Serial Ports . This data is then Converted and Output as Wiegand Data. See below for Wiegand Formats available.

Wiegand Card Formats presently available are as follows:

Standard 26Bit (default) Keyscan 36Bit

RBH 50Bit ICT 34Bit

HID Corporate1000 35Bit

Others available by request.

TEC & Cat System Programming Requirements

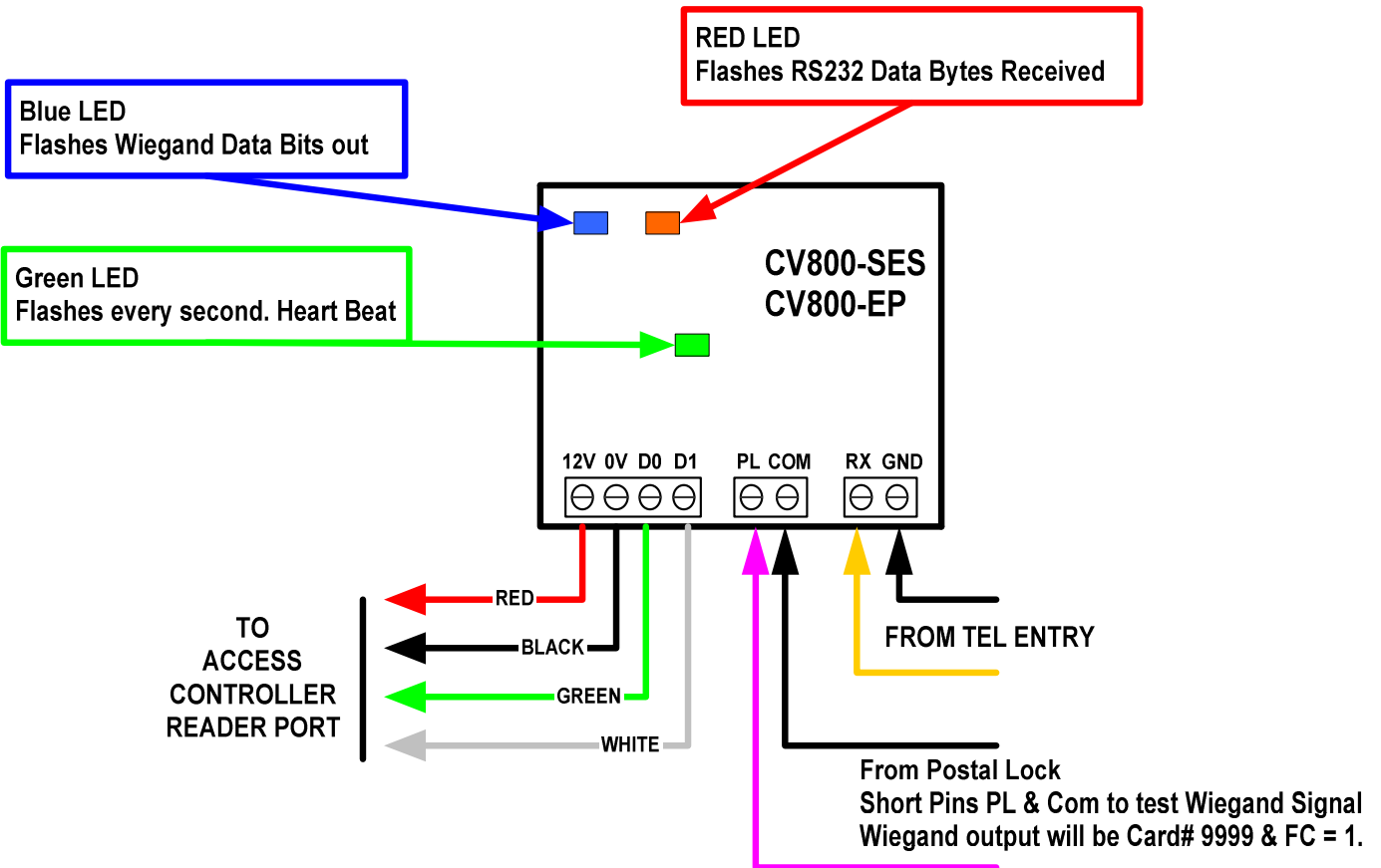
The SES CAT & TEC Telephone Entry panels require the following to be programmed:

1. The Baud Rate must be set to 9600.
2. The Communications Parameters must be set to: 8Bits, No Parity, 1 Stop Bit (8,N,1).

Installation:

The CAT & TEC Panels will require either a OPTKSERIAL90 Serial Interface or a OPTNIC3 Network Interface Card.

1. Connect the Serial TX Terminal on the Entry Panels to the RX Terminal on the CV800-SES
2. Connect the Serial GND Terminal on the Entry Panels to the GND Terminal on the CV800-SES
3. Connect the 12V of the CV800-SES to Access Control Reader Port 12V.



Wiegand Card Formats Available

Standard 26Bit	Keyscan 36Bit	RBH 50Bit	ICT 34Bit	HID Corp1000 35Bit	Other Formats Available Call
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Default Facility/Family Code = One

CV800-SES SPECIFICATIONS

Power Supply	9 to 14VDC (Linear Supply Recommended)
Current	8mA Average, 10mA Peak
Cable Requirements	Use Access Control & Mircom™ Recommendations
OutPut Format	Wiegand 26Bit,36Bit, 50Bit, 34Bit, others.
Facility/Family Code	One(1)
Communication	RS232
Warranty	5 Years against defects in Materials & Workmanship