COMMAND ACCESS TECHNOLOGIES

CRU2

INSTALLATION INSTRUCTIONS

The Command Access **CRU2** is a current reduction unit designed to power solenoids in a **mortise lock**, **cylindrical lock**, or **exit trim** more efficiently therefore extending the life of the lock or trim. This module has a manual adjustment screw enabling it to conform to a 12V or 24V solenoid.

UNIT DOES NOT AMPLIFY OUTPUT VOLTAGE - ONLY REDUCES INPUT VOLTAGE

Kit Includes

A. 1 - CRU2

Tools Required

- Small Phillips Screwdriver

Read before installation

1. Please make sure that your operating conditions are compatible with the CRU2. If you are not sure please contact us directly or contact the dealer you purchased the unit from.

2. The CRU2 is designed to work with incoming AC or DC current. Make sure that the locking device you are using does not have a bridge rectifier, it will prohibit the CRU2 from working properly. A bridge rectifier may be round or square shaped module, about 3/4" in length. If a bridge rectifier is present cut it out of the circuit and disregard.

3. The power supply must be **equal to or greater than** the required voltage of the locking device.

U.S. Customer Support
1-888-622-2377

Visit our website for more details
www.CommandAccess.com

Canada Customer Support
1-855-823-3002

Doc # 20024_B

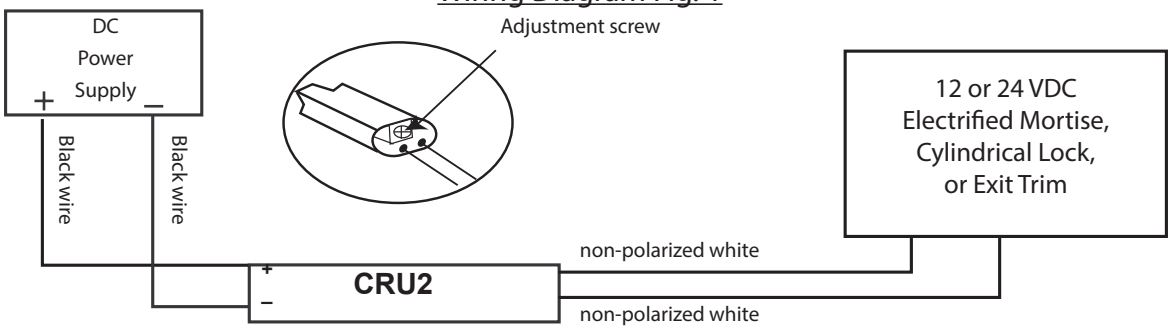
Installation

1. Connect the two white wires to the locking device. If the CRU2 plug is not compatible with the locking device plug, then cut off both connectors and hard wire the locking device to the CRU2
2. Connect the two black leads on the CRU2 to the positive & negative lead from the power supply.
3. Finding the CORRECT current draw-The CRU2 has a small adjustment screw located at the end of the unit (see fig.1). The unit is pre-set at the factory to 5% of the full current. This setting may be adjusted up to 95% of the full current. Using a small Phillips head screwdriver turn the adjustment screw clockwise 10º degrees each time. Slowly building up until the solenoid no longer drops out but stays engaged. Here is the solenoid's most energy efficient point.

CRU2 Adjustment Video

Scan or Click here

Wiring Diagram Fig. 1



Specifications

- Maximum Current Load: 1 Amp
- Input Voltage range: 12 to 30 volts AC/DC
- Output Voltage Range Adjustable: 12 to 30 volts DC.
- Non-Polarized Input/Output
- Do not use with solenoids that have coil resistance of less than 18 ohms.