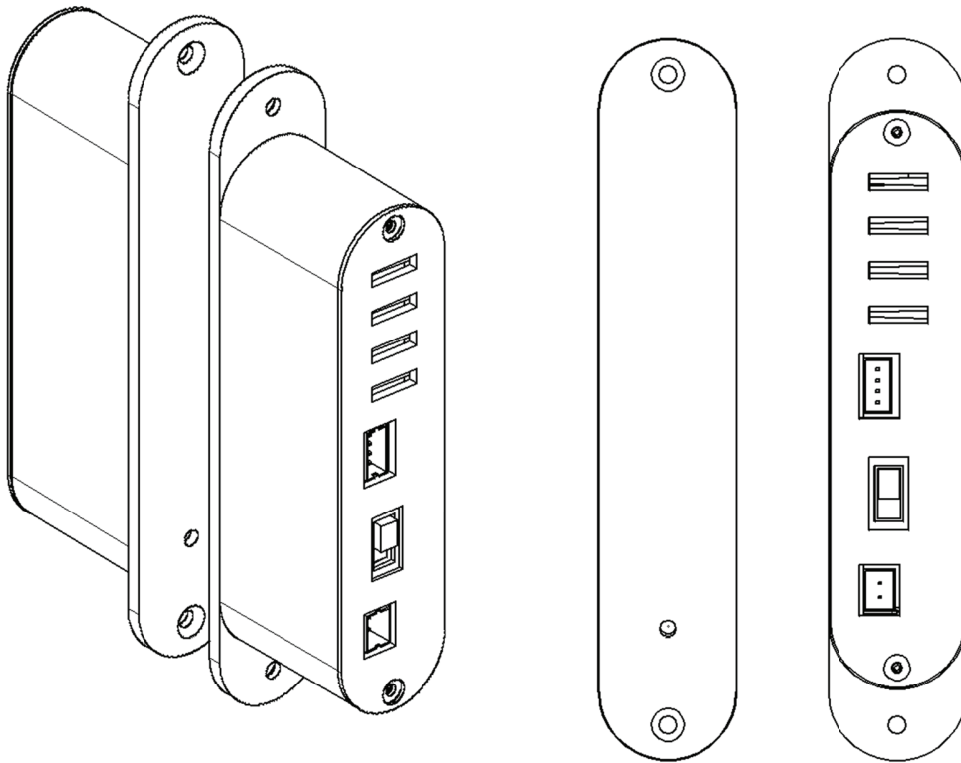


INSTALLATION

RCI WPDT

WIRELESS POWER & DATA TRANSFER



Specifications:

- Input Voltage = 24VDC
- Input Power = 600 mA minimum
- Maximum Sensor Gap = 7.0 mm 1/4"
- Fail Secure Locks only*
- Output Voltage 12VDC @ 600mA or 24VDC @ 300mA selectable*
- Door Position Sensor*, 60V AC/DC@200 mA
- 2 Input/Outputs for Monitoring (REX, LBM)*, 30VDC@1A & 125VAC@300mA
- 3 Second Fixed Unlock Time or 0-90 Second (by switch activation)
- Operating Temperature -20 ~ 60°C (-4 ~ 140°F)
- Error Indicator LED (frame side)**

* Response time can be affected by installation and door gap

** Indicates excessive load or improper input voltage

Package Content

- 1) Frame side unit
- 2) Door side unit
- 3) 4 mounting tabs
- 4) 6 washers
- 5) 4 M3 wood screws
- 6) 12 M3 steel mounting screws
- 7) templates for both wood and hollow metal
- 8) wire harnesses

FCC Warning Statement

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.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

IC Warning Statement

Canada, Industry Canada (IC) Notices

This Class B digital apparatus complies with Canadian ICES-003 and RSS-247. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (FR) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions (antennas are greater than 20cm from a person's body).

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RED AND BLACK = 24 VDC INPUT @ 600 mA minimum

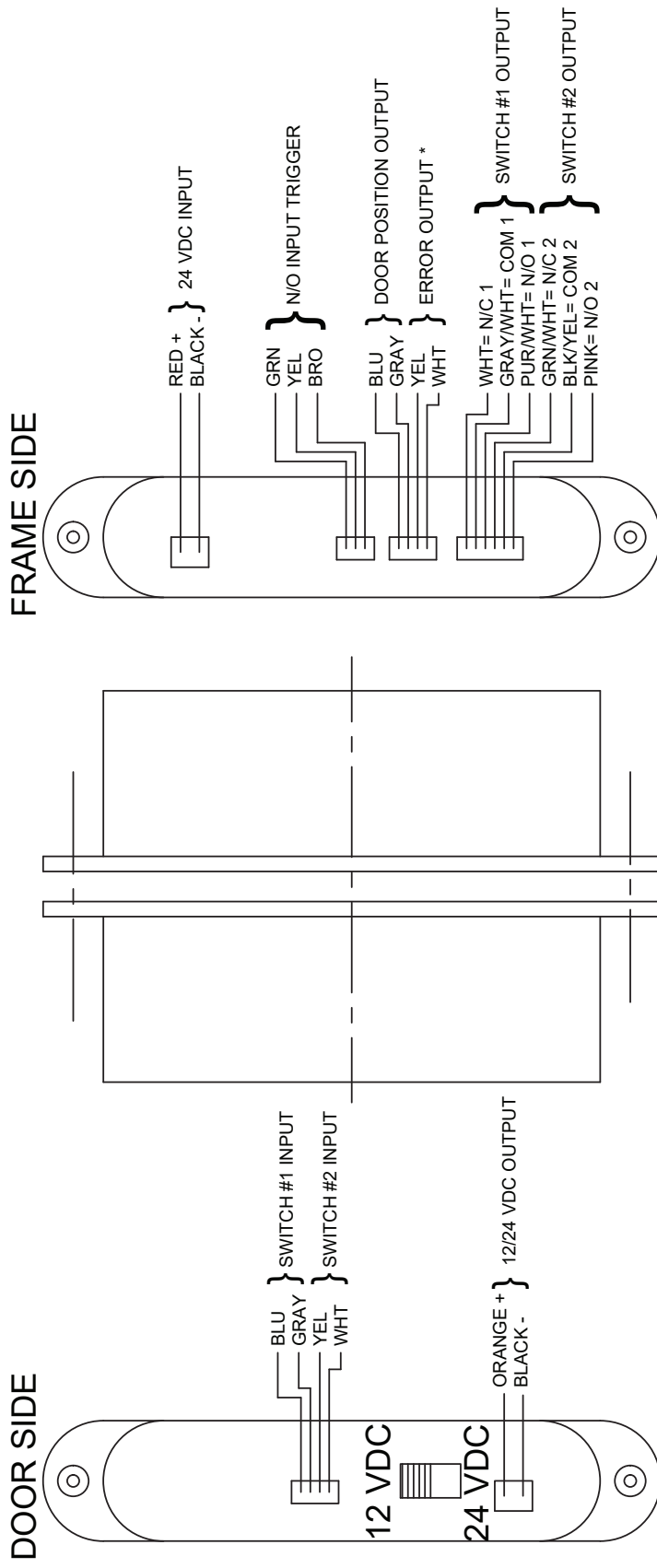
GREEN AND YELLOW MOMENTARY CLOSURE = 3 SECOND UNLOCK TIME
 BROWN AND YELLOW CLOSURE = 0 - 90 SECOND UNLOCK TIME

BLUE AND GRAY = DOOR POSITION OUTPUT
 YELLOW AND WHITE = ERROR STATUS INDICATION

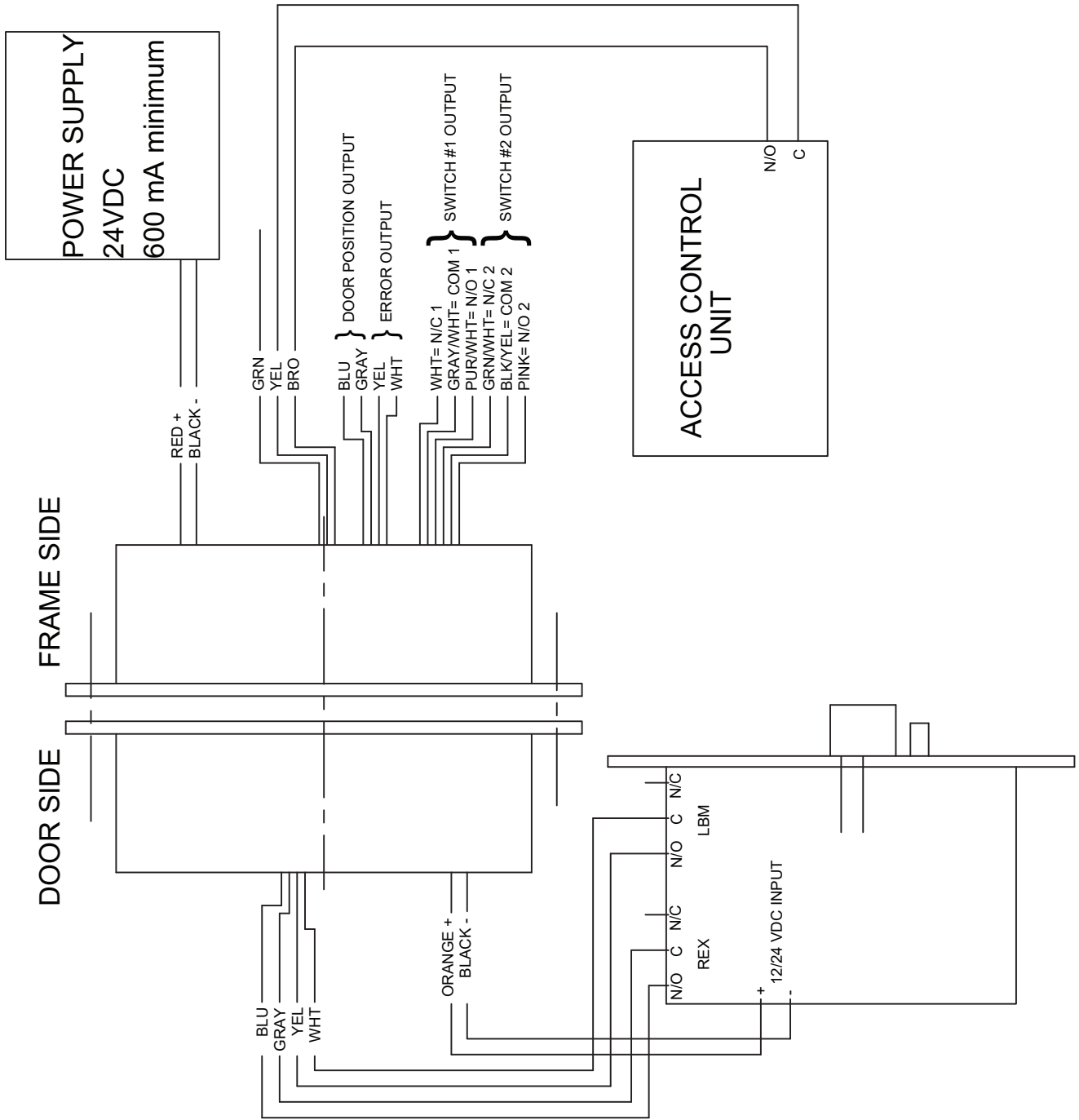
SWITCH #1 = SPDT OUTPUT FROM DOOR SIDE SIGNAL
 SWITCH #2 = SPDT OUTPUT FROM DOOR SIDE SIGNAL

ORANGE AND BLACK WIRES ARE OUTPUT VOLTAGE FOR FAIL SECURE
 LOCKING DEVICE

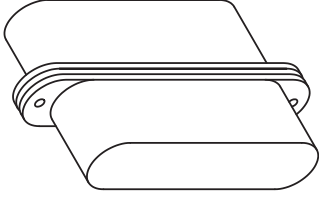
SWITCH 1 & 2 INPUT CAN BE CONNECTED TO ANY N/O SWITCH
 OUTPUT FOR REX OR SIGNAL OUTPUT ON FRAME SIDE DEVICE



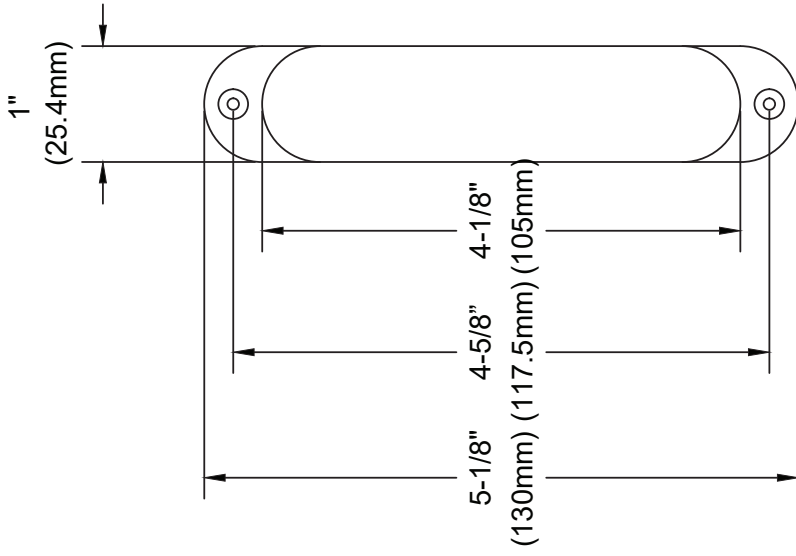
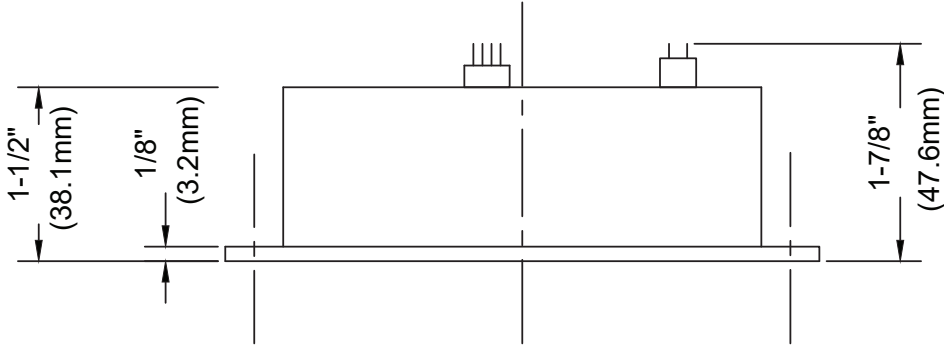
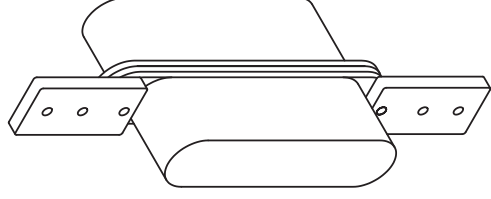
* ERROR OUTPUT WHEN EXCESSIVE LOAD APPLIED OR IMPROPER INPUT VOLTAGE



WOOD FRAME



HOLLOW METAL WITH MOUNTING TABS



PREP FRAME AND DOOR AS PER DIMENSIONS AND TEMPLATE SUPPLIED.

WPDT - LED Status Indications

Transmitter (TX)

	Green LED	Red LED	Comments
Standby	On	Flashing 0.4 seconds	Door closed and locked
Unlock	Off	On solid	Door is unlocked
Error	Off	Flashing 0.2 seconds	Incorrect voltage/current
Error	Off	Flashing 0.5 seconds	Unit over temperature

Receiver (RX)

		Red LED	Comments
Standby		Flashing 0.4 seconds	Door closed and locked
Unlock		On Solid	Door is unlocked

