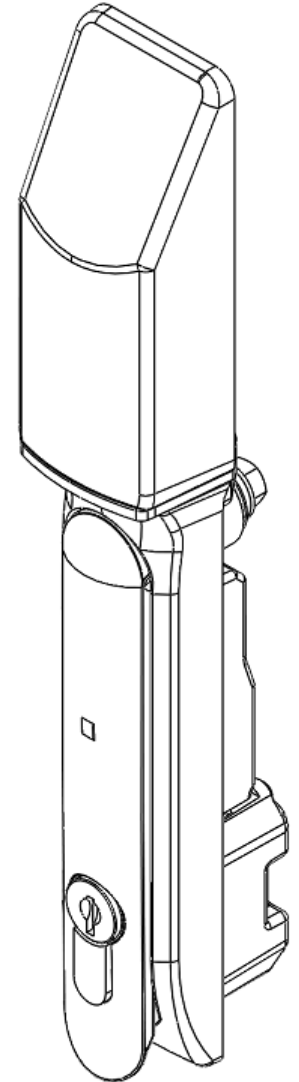
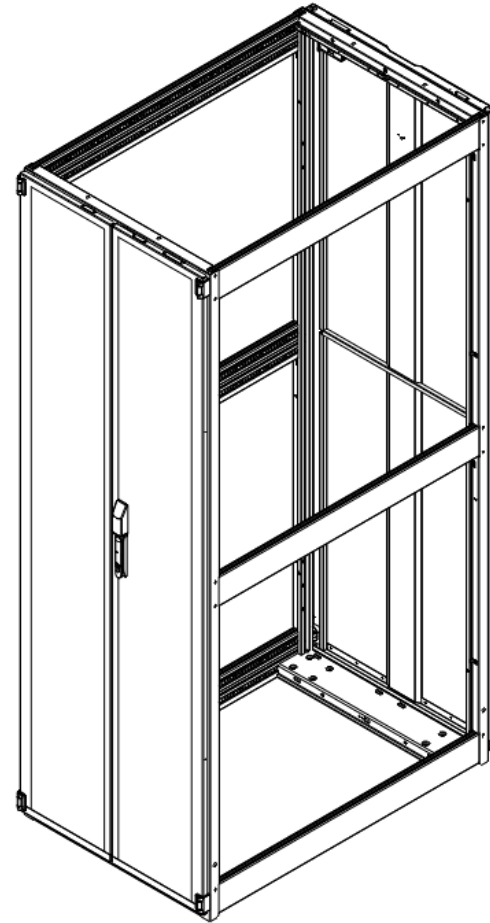
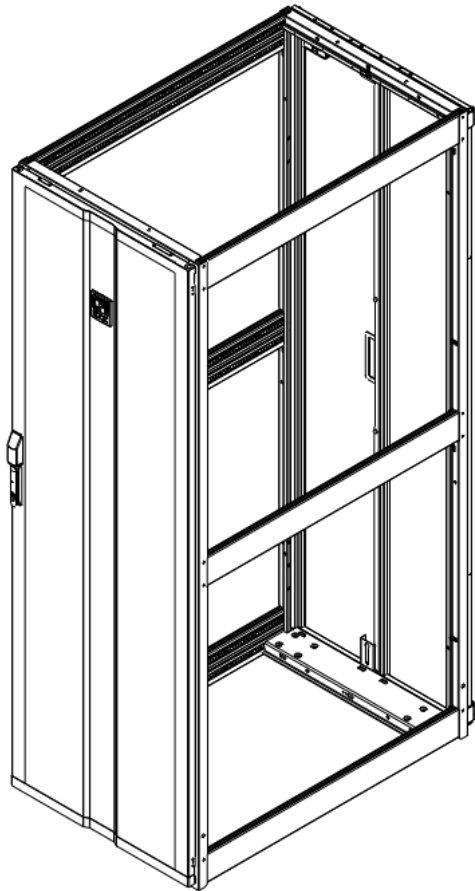


Installation Instructions

RFID ELECTRONIC LOCK KIT

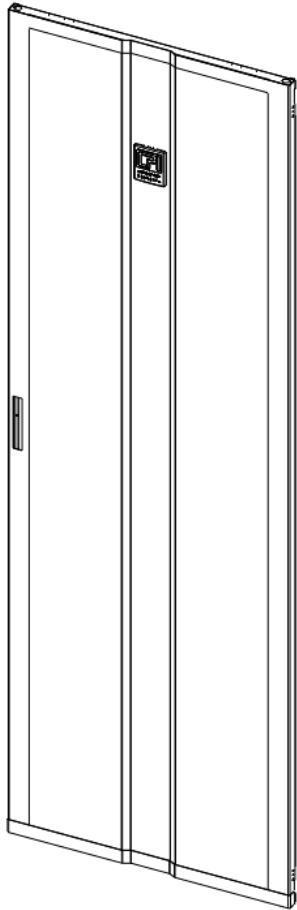
RFID ELECTRONIC LOCK KIT FOR ZETAFRAME CABINET SINGLE & DOUBLE DOORS



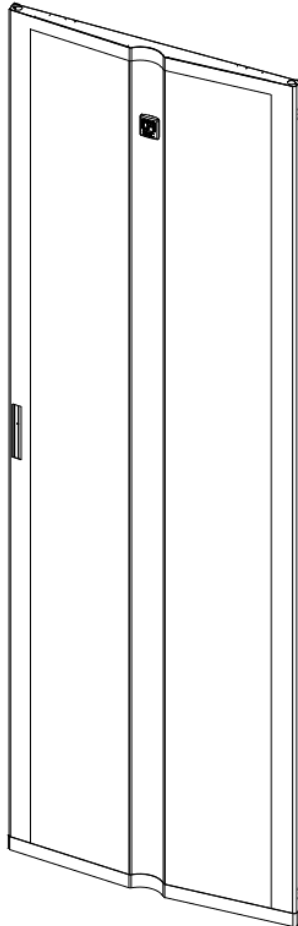
Installation Instructions

RFID ELECTRONIC LOCK KIT

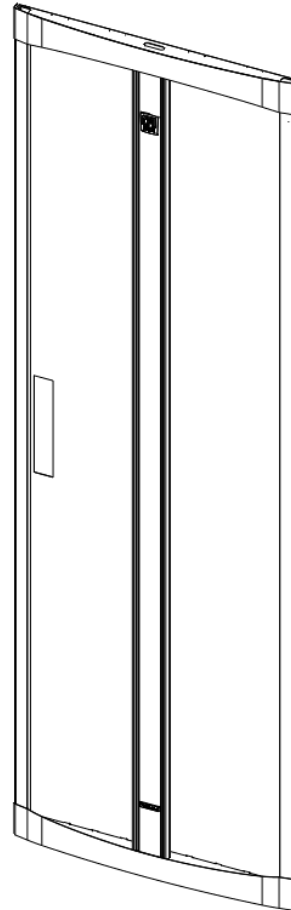
ZETAFRAME STYLE
FRONT DOOR



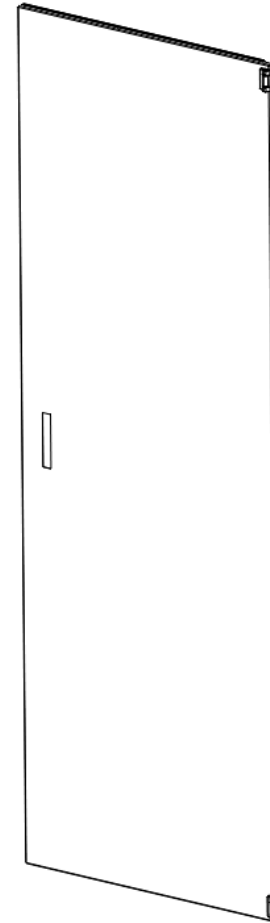
GLOBALFRAME STYLE
FRONT DOOR



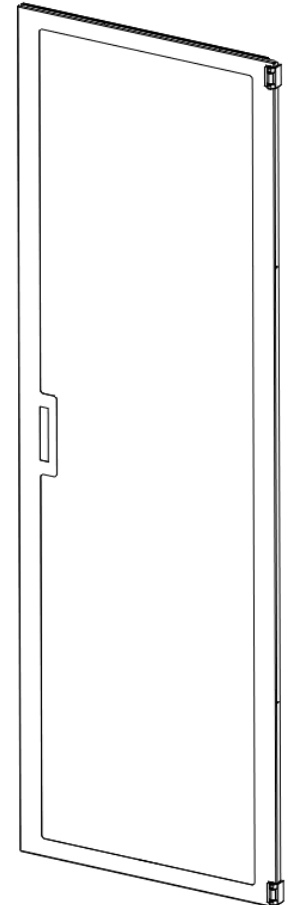
TERAFRAME STYLE
FRONT DOOR



SOLID FLAT DOOR



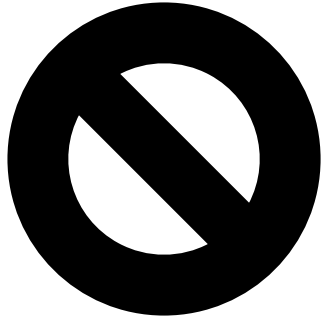
PLEXI FLAT DOOR



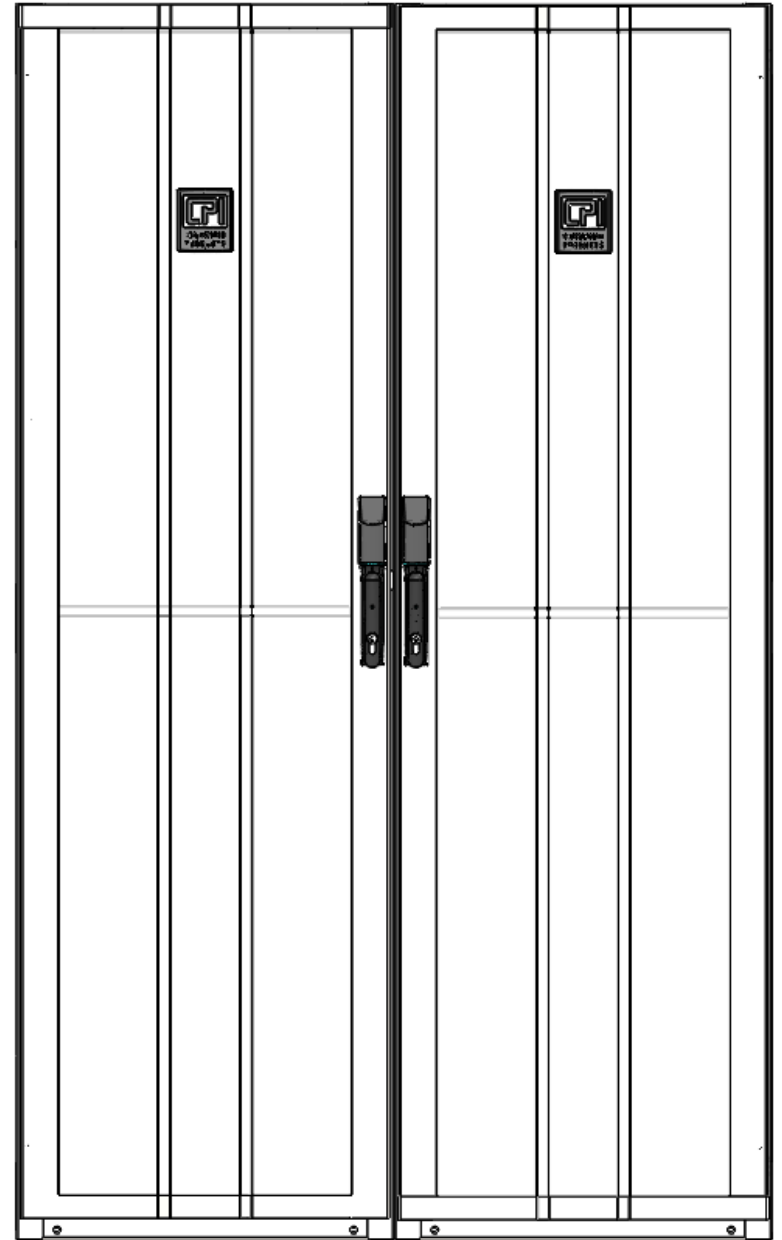


Installation Instructions

RFID ELECTRONIC LOCK KIT



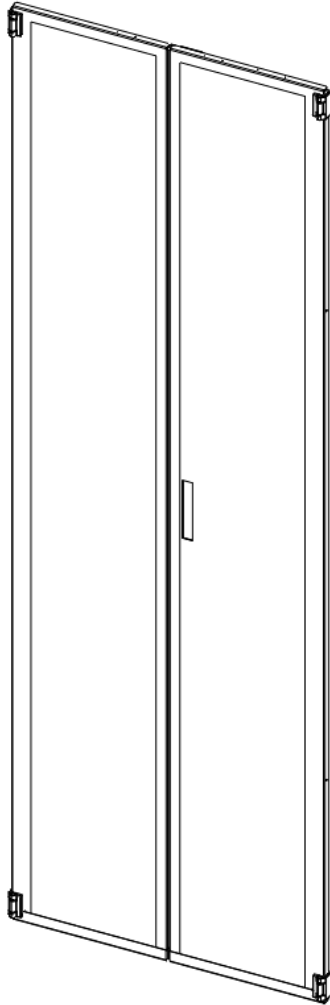
PLEASE NOTE: THE SINGLE POINT LATCH SYSTEM WILL NOT SUPPORT THE CONFIGURATION SHOWN: LEFT HAND DOOR / RIGHT HAND DOOR, WHICH RESULTS IN THE LATCHES BEING ADJACENT TO EACH OTHER. THE LATCHES MUST UTILIZE A TWO-POINT LATCH CONFIGURATION. CPI WILL PROVIDE A KIT (FREE OF CHARGE) TO CONVERT A SINGLE-POINT LATCH INTO A TWO-POINT LATCH CONFIGURATION IF THIS IS THE CONFIGURATION YOU ARE TRYING TO USE.



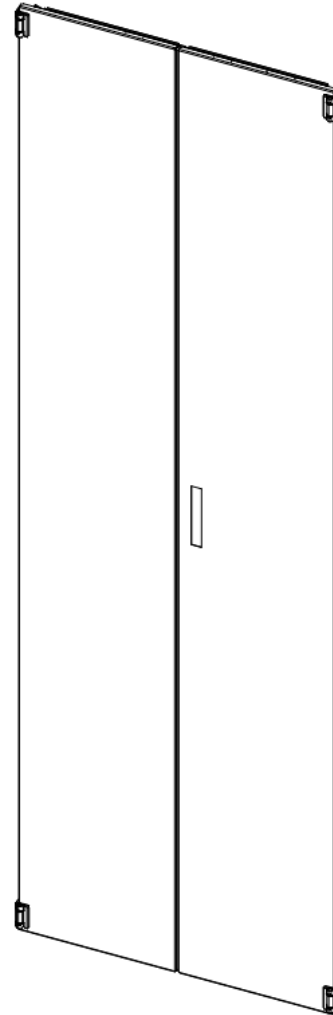
Installation Instructions

RFID ELECTRONIC LOCK KIT FOR SINGLE DOORS

DOUBLE PERF FLAT DOORS



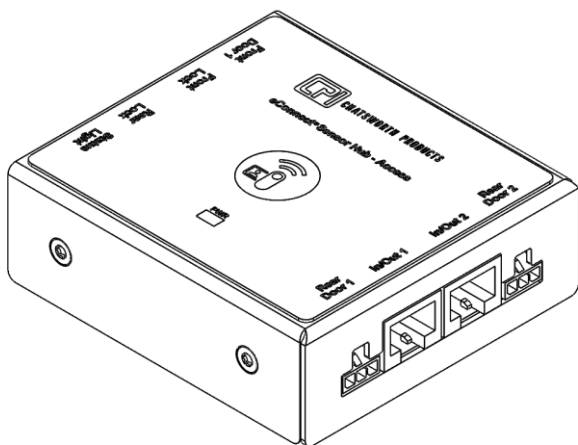
DOUBLE SOLID FLAT DOORS



Installation Instructions

RFID ELECTRONIC LOCK KIT

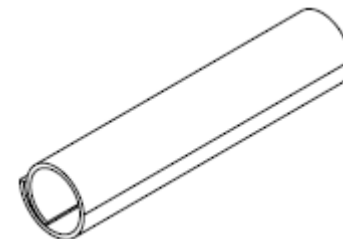
PARTS LIST - HARDWARE



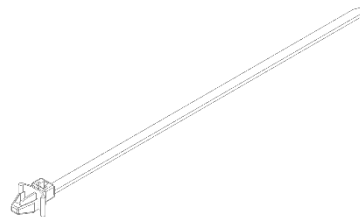
ECONNECT® SENSOR HUB - ACCESS
QTY(1)



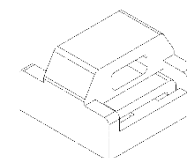
#4 TAPTITE SCREW
QTY(4)



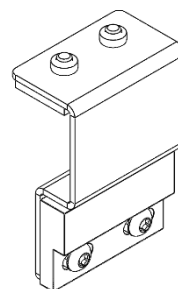
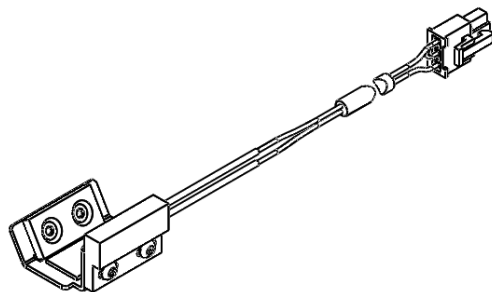
BRAIDED CABLE WRAP SLEEVE
QTY(1)



PUSH MOUNT CABLE TIE



MAGNET CABLE TIE MOUNT
CABLE TIES ALSO INCLUDED BUT NOT PICTURED



ECONNECT® DOOR CONTROL SENSORS
FRAME SIDE (LEFT), DOOR SIDE (RIGHT)

Installation Instructions

RFID ELECTRONIC LOCK KIT

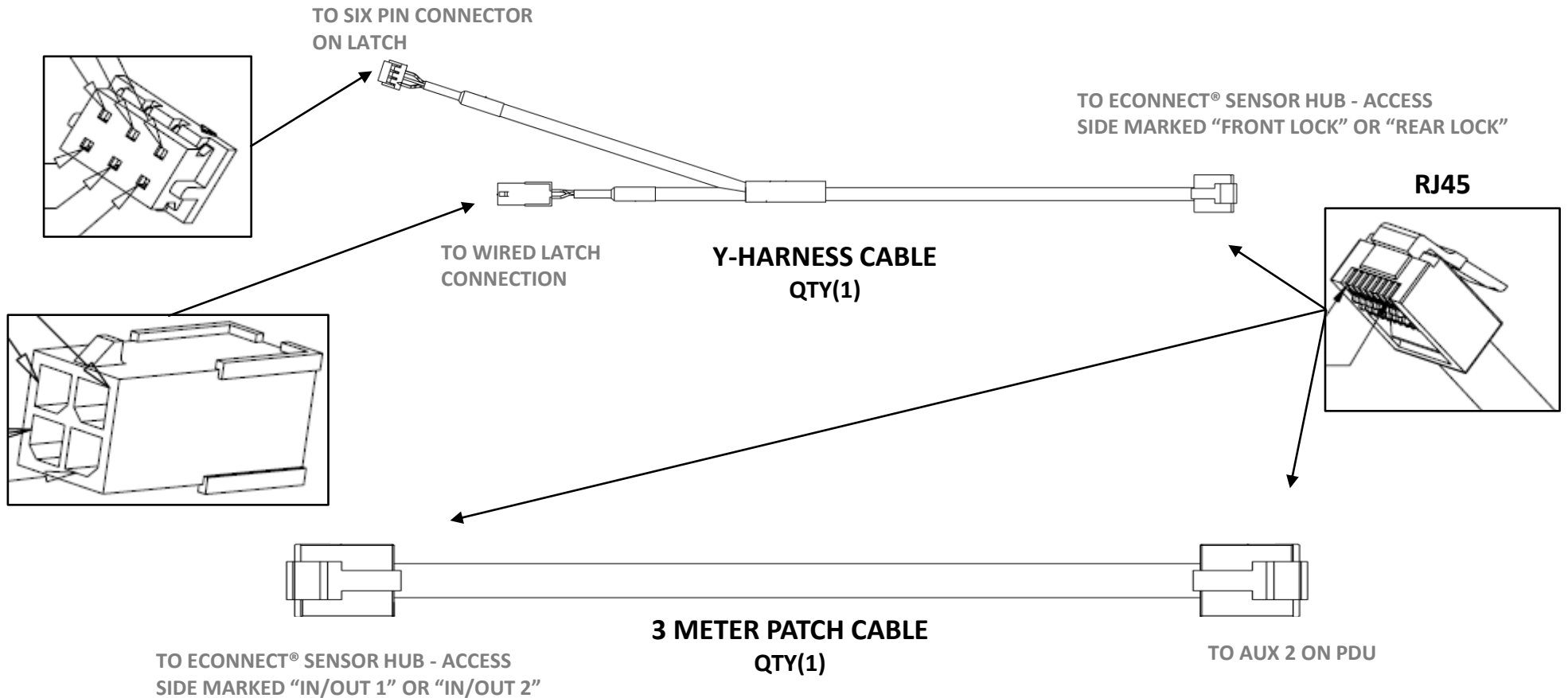
025-907002-006	CLIP,CBL,ADH,BK
025-908040-009	BUSH,.437ID MAX,.125 PNL
020-736643-001	SNAP,EXTRUSION,BK
025-907011-161	LATCH ASSEMBLY,12V
024-714975-707	MODULE,ACCESS SENSOR HUB
025-907011-163	READER,MODULAR,UID,DUAL FREQUENCY
025-907011-139	Y-HARNESS,24 GAUGE,2 METERS,BLACK
025-907011-141	PATCH CABLE,3 METERS,BLACK
024-714978-701	SENSOR,DOOR CONTACT
025-902027-001	SCR,4-40X1/4,CRPH,TAPTITE,STL,ZN

020-736643-001	SNAP,EXTRUSION,BK
020-739111-001	PLUG,SLIDE,AIR DAM,CC
025-908008-027	SLVG,WRAP-ARND,BRD,1/2",12"L
025-908018-002	CABLE TIE MOUNT,4-WAY,0.75" SQ.,BK
025-908012-006	CABLE TIE,STD,4",NYLON,UL,BK

Installation Instructions

RFID ELECTRONIC LOCK KIT

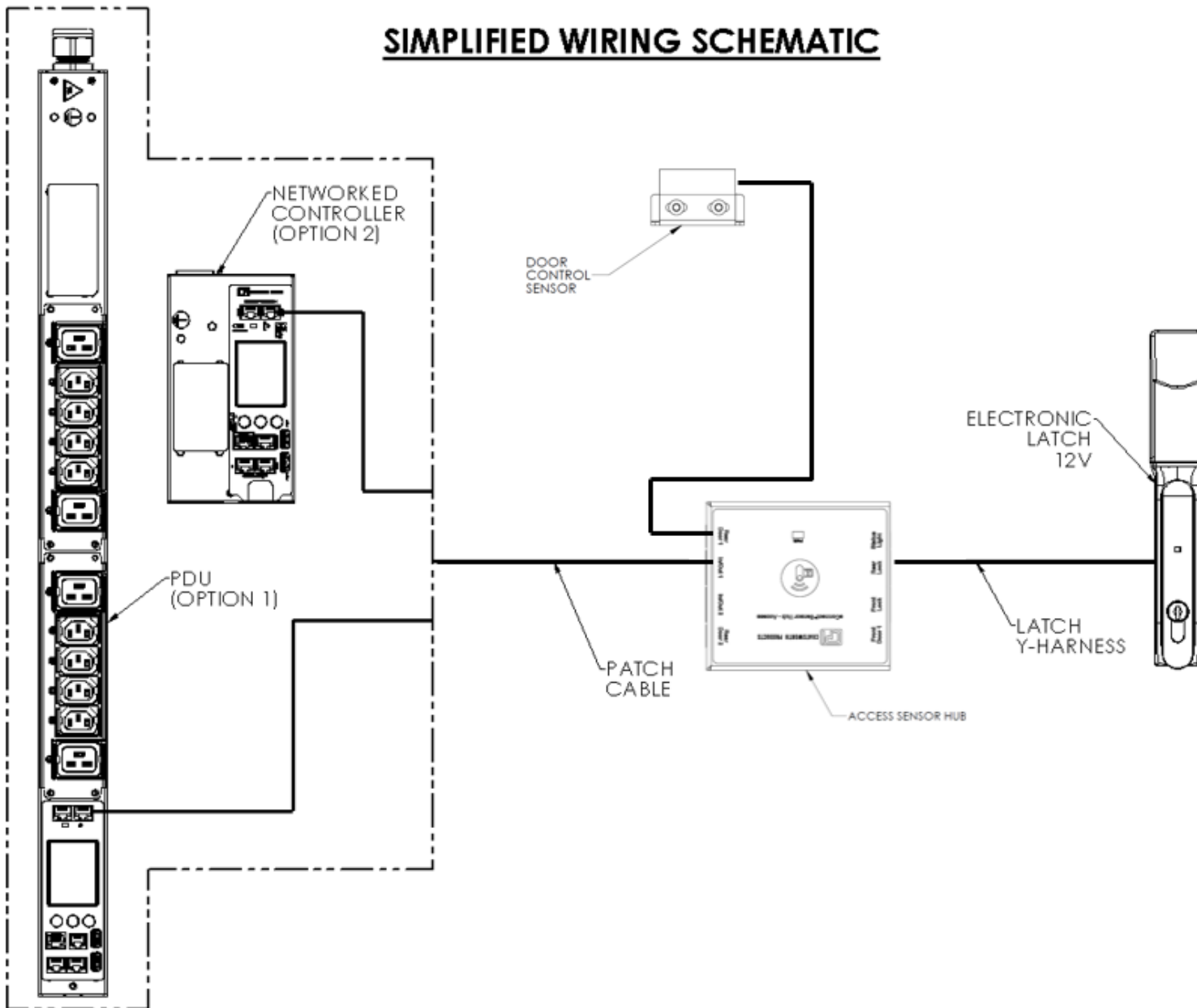
PARTS LIST - WIRING



Installation Instructions

RFID ELECTRONIC LOCK KIT

SIMPLIFIED WIRING SCHEMATIC



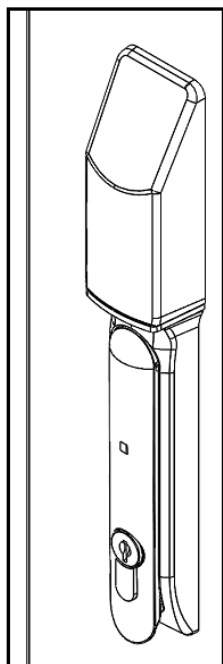
Installation Instructions

RFID ELECTRONIC LOCK KIT

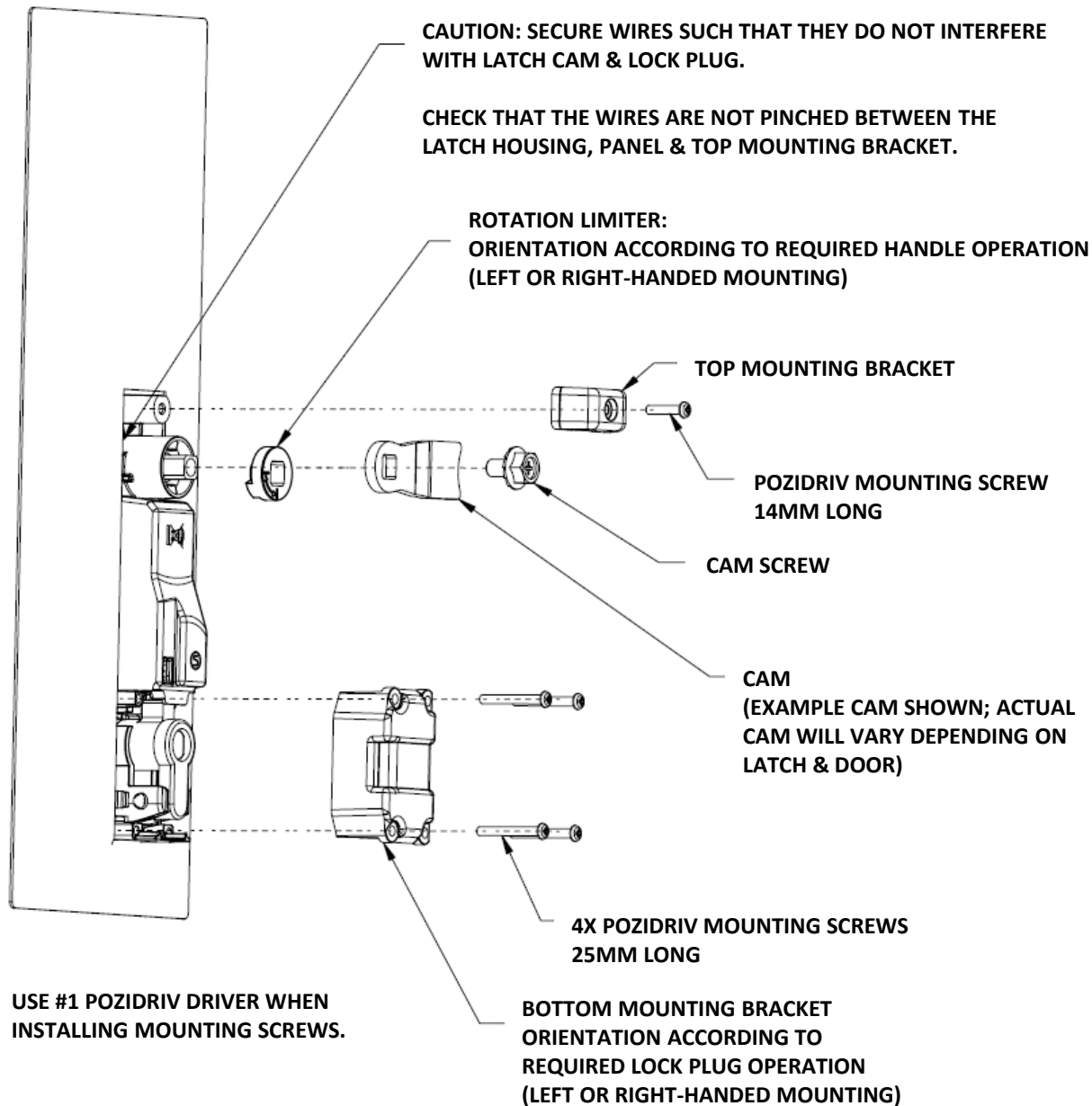
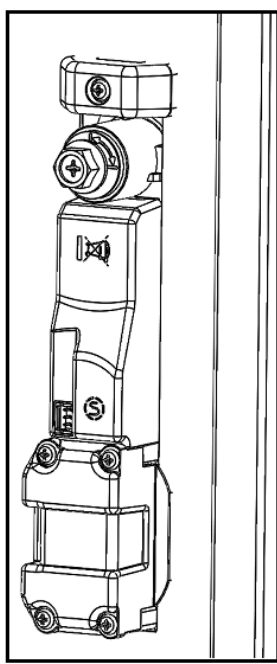
1. **INSTALL LATCH**
2. INSTALL AND WIRE DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH

IF INSTALLING A TWO-POINT LATCH ON A ZETAFRAME DOOR (024-739971), DO NOT INSTALL THE CAM & LOCK BAR YET. INSTALL THE LATCH ONLY, THE CAM & LOCK BAR WILL BE INSTALLED AS THE LAST STEP OVER THE WIRING.

OUTSIDE VIEW



INSIDE VIEW



Installation Instructions

RFID ELECTRONIC LOCK KIT

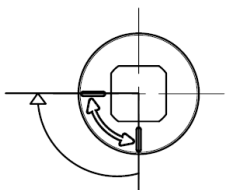
1. **INSTALL LATCH**
2. **INSTALL AND WIRE DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS**
3. **WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER**
4. **WIRE ECONNECT® SENSOR HUB TO LATCH**

FOR INSTALLATION OF ROTATION LIMITER

- VIEWED FROM BACK -

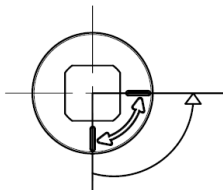
STANDARD CONFIGURATION

OPTION 1



LEFT-HAND MOUNTING
TO OPEN: TURN HANDLE 90°
COUNTER-CLOCKWISE IF VIEWED
FROM FRONT

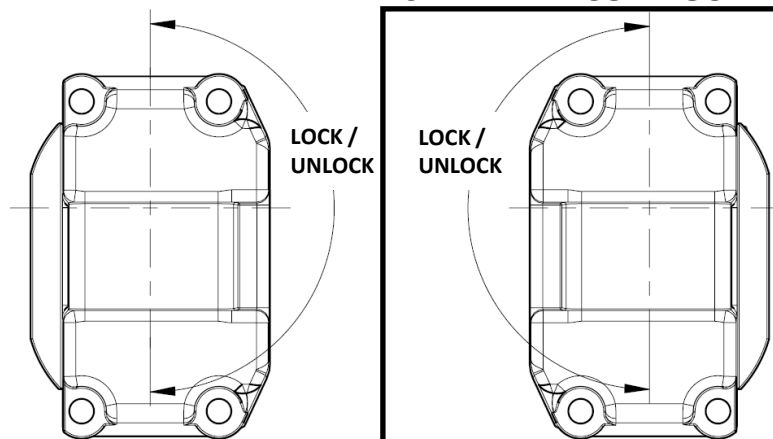
OPTION 2



RIGHT-HAND MOUNTING
TO OPEN: TURN HANDLE 90°
CLOCKWISE IF VIEWED FROM
FRONT

FOR INSTALLATION OF BOTTOM MOUNTING BRACKET

STANDARD CONFIGURATION



LEFT-HAND MOUNT

RIGHT-HAND MOUNT

OPERATION OF LOCK PLUG CORRESPONDS WITH
ORIENTATION OF BOTTOM MOUNTING BRACKET

Installation Instructions

RFID ELECTRONIC LOCK KIT

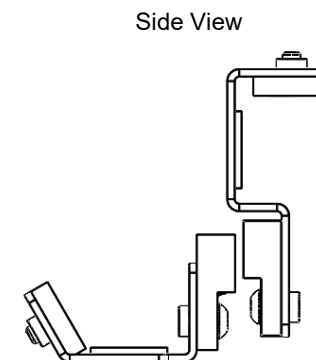
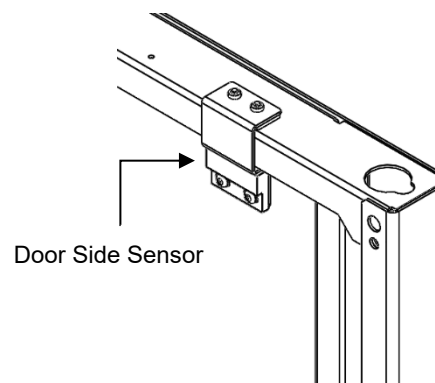
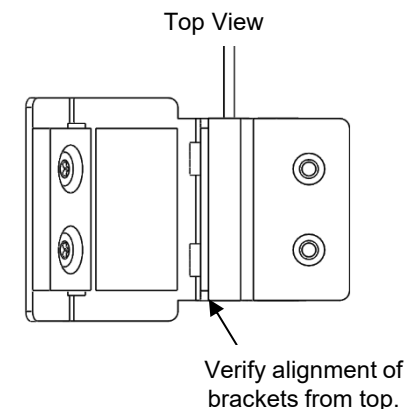
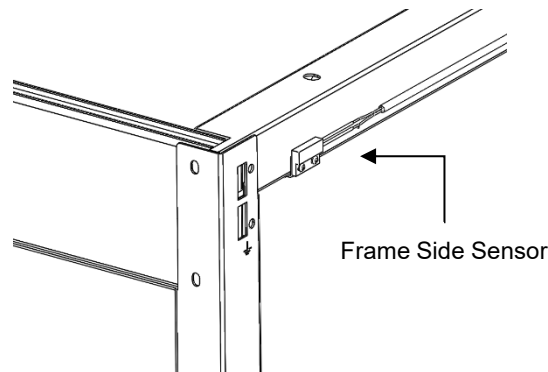
1. INSTALL LATCH
2. **INSTALL AND WIRE DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS**
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH

INSTALL SENSORS ON THE HANDLE SIDE OF THE CABINET DOOR, OPPOSITE THE HINGE, TO MAXIMIZE SENSITIVITY TO DOOR MOVEMENT.

FOR AN ACCURATE DOOR CONTACT STATUS, ENSURE THE SENSORS ARE ALIGNED FACE-TO-FACE. VERIFY ALIGNMENT BY INSPECTING FROM THE TOP OF THE CABINET WITH THE DOOR CLOSED AND ADJUST *THE DOOR-SIDE DOOR CONTROL SENSOR* AS NEED.

VHB TAPE IS PROVIDED ON THE BRACKETS AS AN OPTIONAL RETENTION FEATURE TO PROVIDE MOUNTING PERMANENCE.

**REFERENCE MAXIMUM SENSOR GAPS:
SIDE-TO-SIDE: .16IN (4MM)
FACE-TO-FACE: .20IN (5MM)**



REFERENCE IIS-714978

Installation Instructions

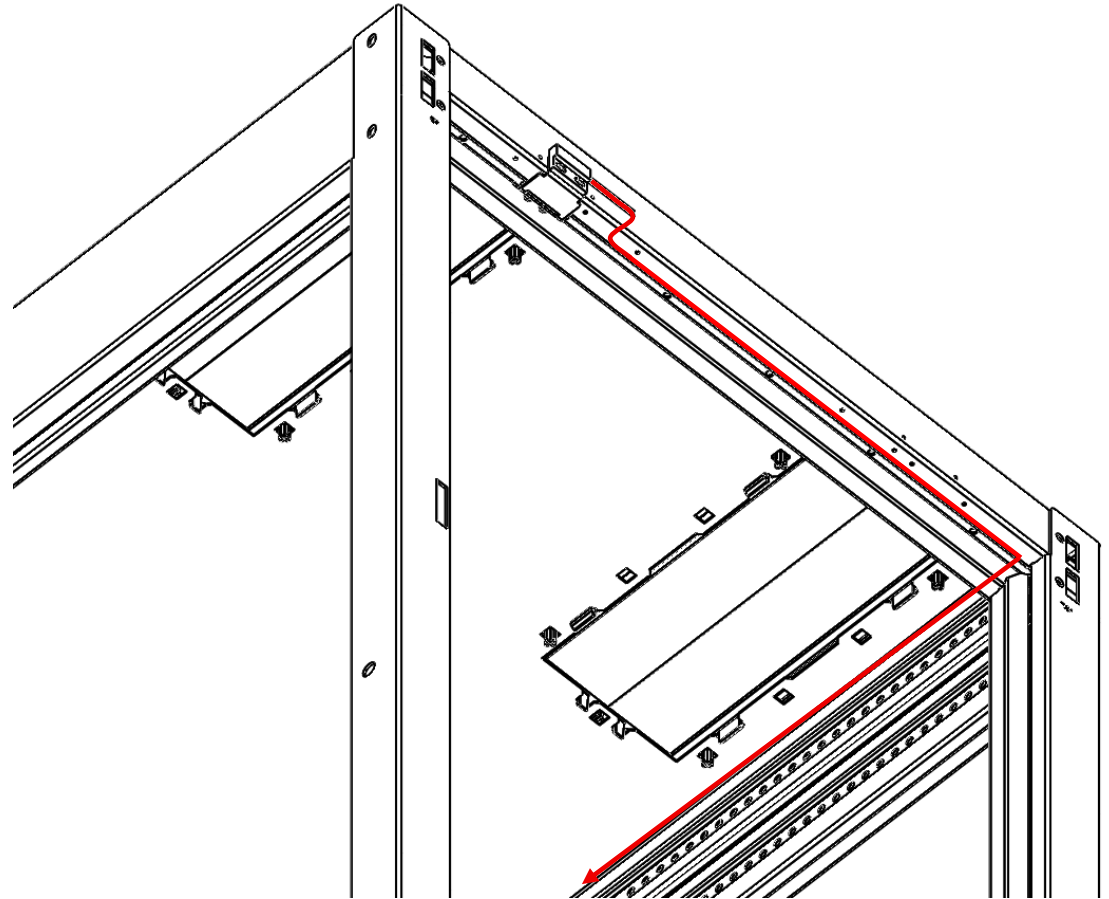
RFID ELECTRONIC LOCK KIT

1. INSTALL LATCH
2. **INSTALL AND WIRE DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS**
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH

ROUTE CABLE THROUGH CHANNEL. USE PROVIDED PUSH-MOUNT CABLE TIES TO SECURE CABLE TO THE HOLES IN THE CHANNEL.

ROUTE CABLE TO BACK OF CABINET AND USE PUSH-MOUNT CABLE TIES TO SECURE CABLE ALONG SIDE PANELS/RAILS.

TO MANAGE EXCESS CABLE SLACK, BUNDLE CABLES AND ROUTE THROUGH CABINET BRUSHES/GROMMETS WHERE VIABLE.



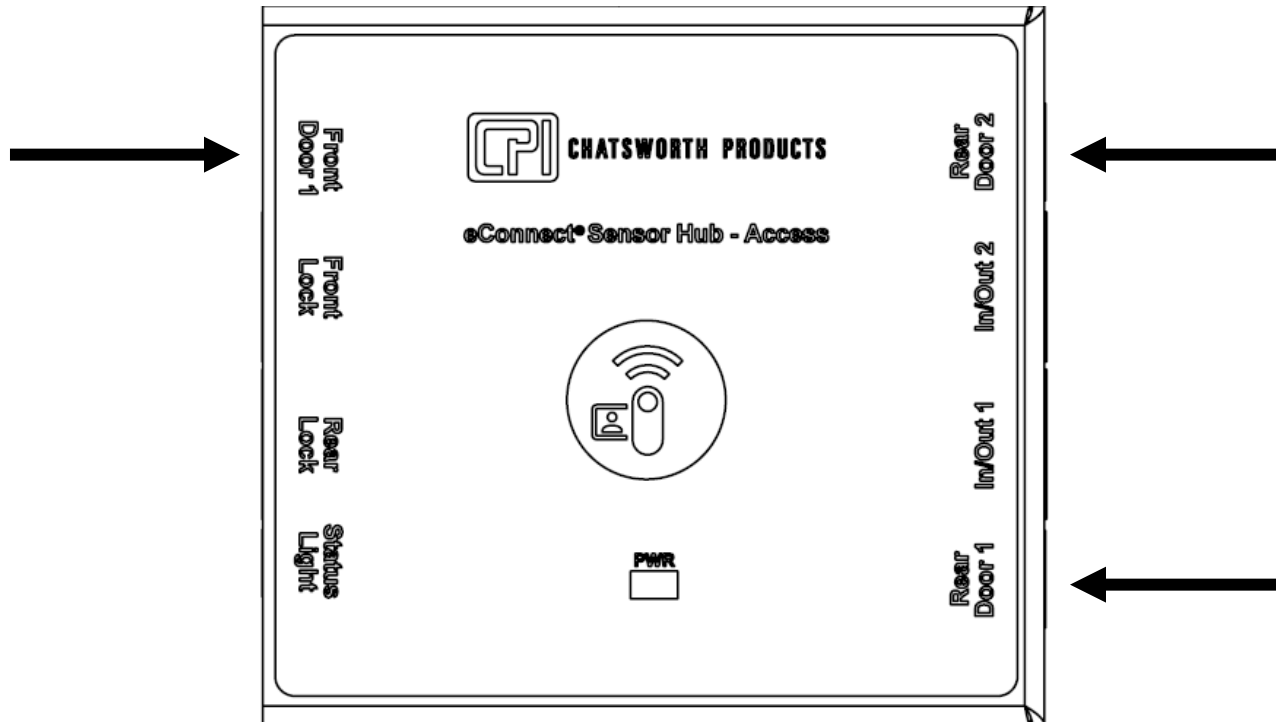
REFERENCE IIS-714978

Installation Instructions

RFID ELECTRONIC LOCK KIT

1. INSTALL LATCH
2. **INSTALL AND WIRE DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS**
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH

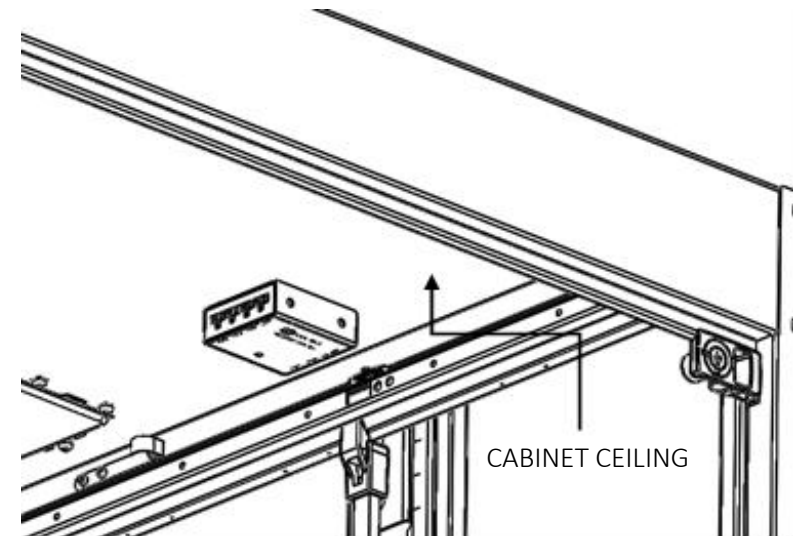
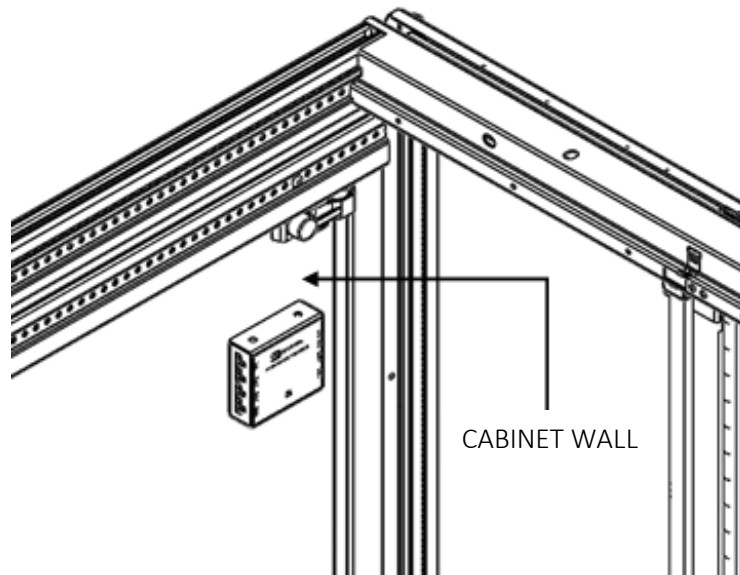
PLUG DOOR CONTROL SENSOR INTO CORRESPONDING PORT OF ECONNECT® SENSOR HUB.



Installation Instructions

RFID ELECTRONIC LOCK KIT

1. INSTALL LATCH
2. **INSTALL AND WIRE** DOOR SENSOR, FRAME SENSOR & **ECONNECT® SENSOR HUB - ACCESS**
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH



REFERENCE IIS-715013

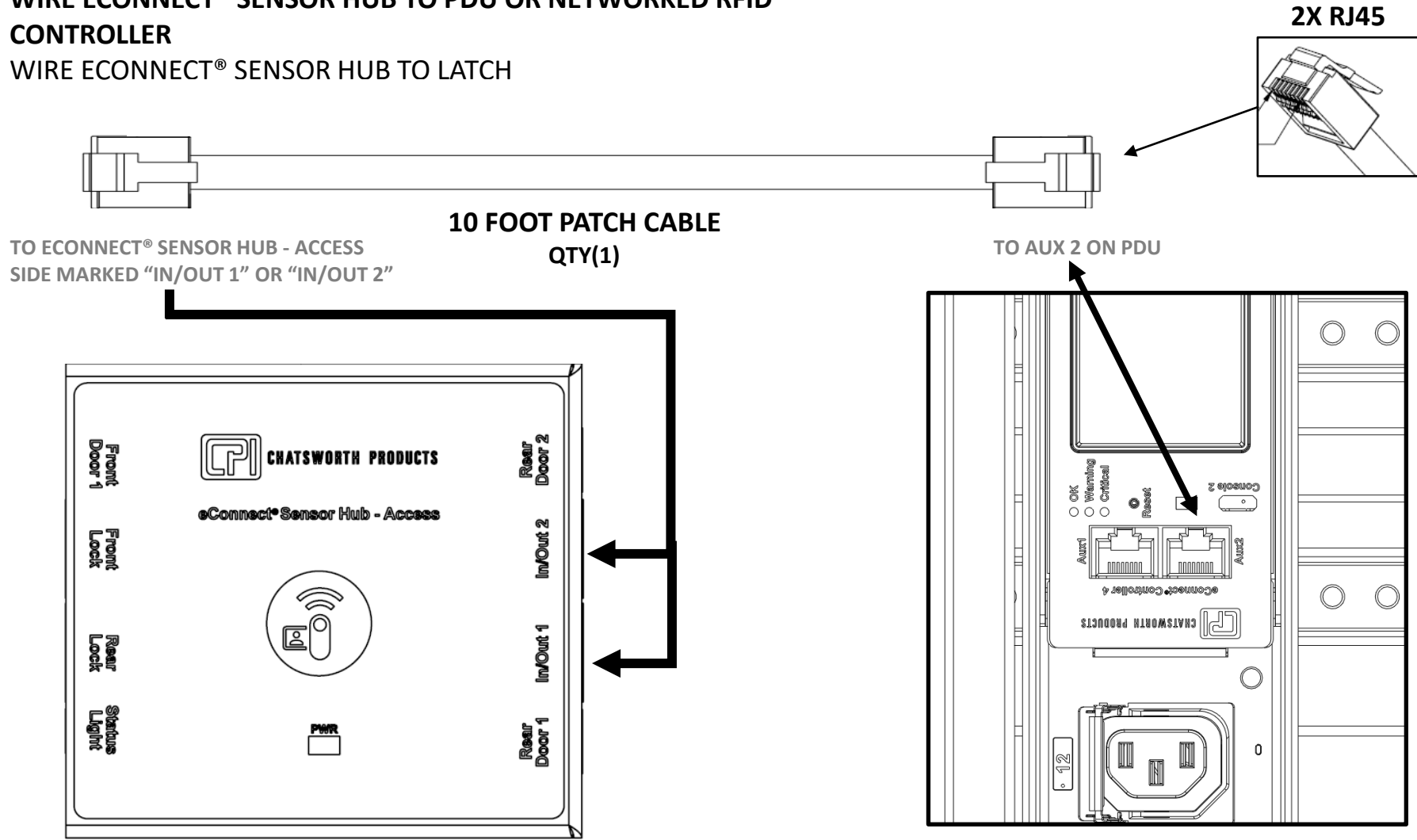
Installation Instructions

RFID ELECTRONIC LOCK KIT

1. INSTALL LATCH
2. INSTALL DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS
3. **WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER**
4. WIRE ECONNECT® SENSOR HUB TO LATCH



NOTICE: MINIMUM MCM FIRMWARE REQUIRED IS 5.4.1147.

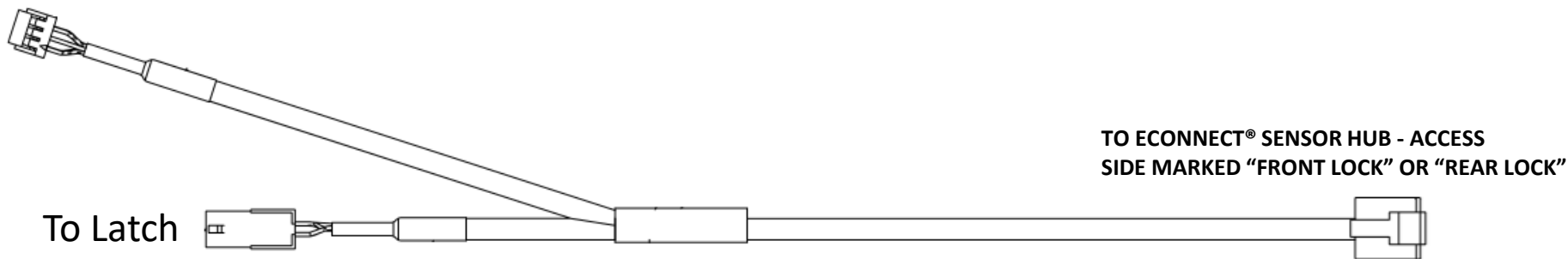


Installation Instructions

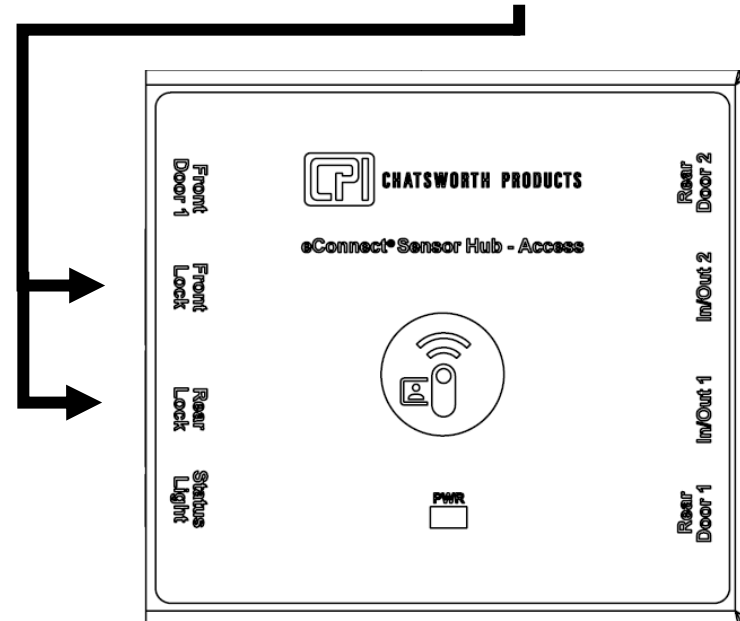
RFID ELECTRONIC LOCK KIT

1. INSTALL LATCH
2. INSTALL DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. **WIRE ECONNECT® SENSOR HUB TO LATCH**

To Latch



To Latch



Installation Instructions

RFID ELECTRONIC LOCK KIT FOR SINGLE DOORS

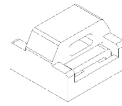
1. INSTALL LATCH
2. INSTALL DOOR SENSOR, FRAME SENSOR & ECONNECT® SENSOR HUB - ACCESS
3. WIRE ECONNECT® SENSOR HUB TO PDU OR NETWORKED RFID CONTROLLER
4. WIRE ECONNECT® SENSOR HUB TO LATCH

CRITICAL!

BE SURE TO LEAVE ENOUGH SLACK IN THE CABLE TO ALLOW THE DOOR TO OPEN

WRAP BRAIDED CABLE SLEEVE AROUND CABLE AT THE TRISITION.

PLACE THE MAGNET CABLE TIE MOUNTS IN THE APPROXIMATE LOCATIONS SHOWN IN BLUE.



ROUTE THE HARNESS CABLE FROM THE ECONNECT® SENSOR HUB TO THE LATCH AS SHOWN.

SECURE BOTH THE SENSOR WIRES AND HARNESS CABLE TOGETHER ALONG THE TOP.

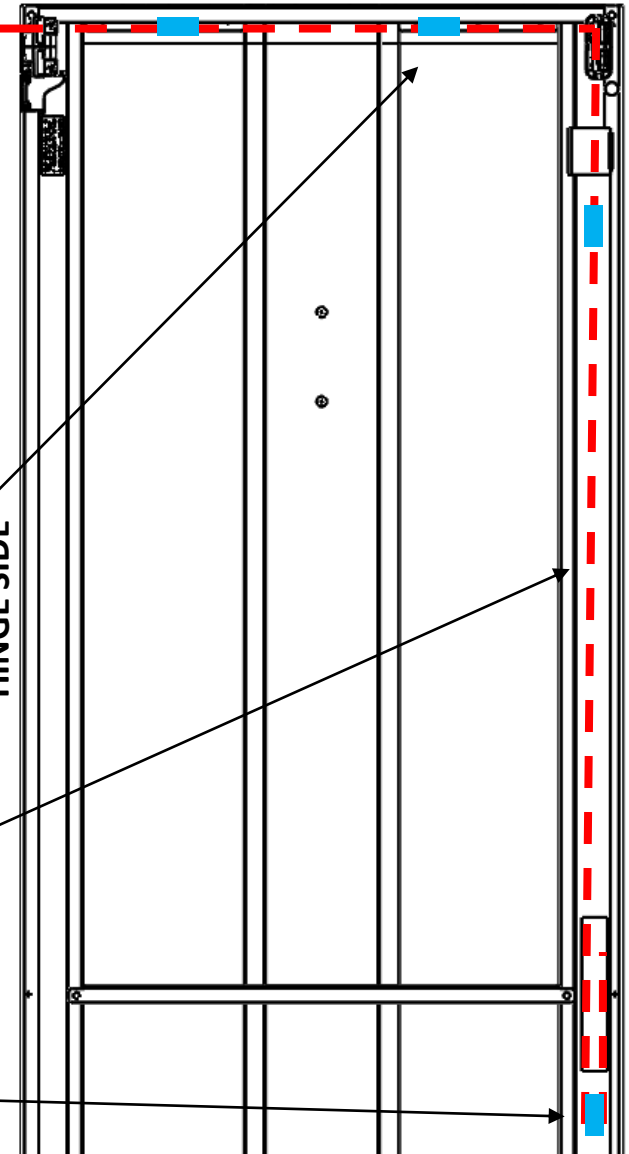
IF USING A TWO-POINT ZF LATCH, THE WIRING SHOULD BE ROUTED WITHIN THE LOCK BAR CHANNEL. THE LOCK BAR & CAM WILL BE INSTALLED AS THE LAST STEP.

CRITICAL! THE EXCESS HARNESS CABLE SLACK IS ROUTED BELOW THE LATCH.

TO ECONNECT®
SENSOR HUB - ACCESS
IN CABINET

HINGE SIDE

LATCH SIDE



Installation Instructions

RFID ELECTRONIC LOCK KIT FOR DOUBLE DOORS

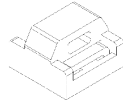
1. INSTALL LATCH
2. INSTALL SENSOR & CAN BUS BRACKETS
3. INSTALL DOOR SENSORS, CAN BUS MODULE & FRAME SENSORS
4. WIRE FROM CAN BUS MODULE TO PDU
5. WIRE SENSORS TO CAN BUS
6. **WIRE CAN BUS MODULE TO LATCH**

CRITICAL!

BE SURE TO LEAVE ENOUGH SLACK IN THE CABLE TO ALLOW THE DOOR TO OPEN

WRAP BRAIDED CABLE SLEEVE AROUND CABLE AT THE TRASNITION.

PLACE THE MAGNET CABLE TIE MOUNTS IN THE APPROXIMATE LOCATIONS SHOWN IN BLUE.

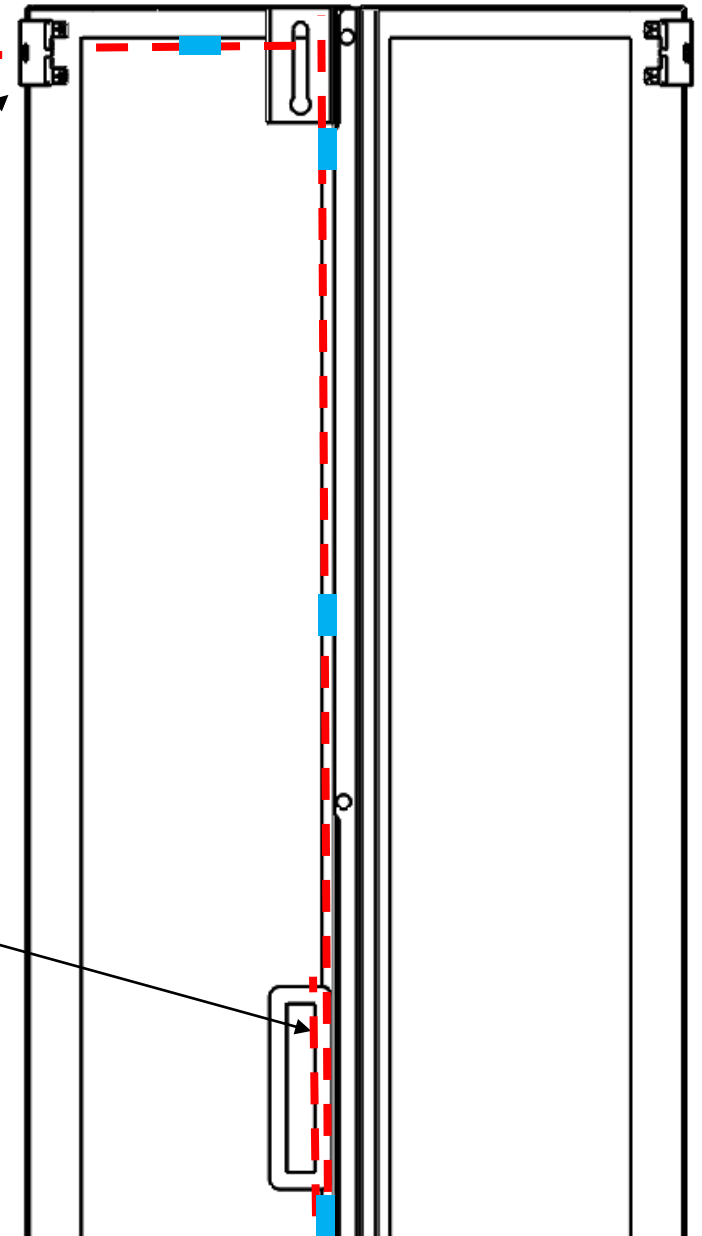


ROUTE THE HARNESS CABLE FROM THE ECONNECT® SENSOR HUB TO THE LATCH AS SHOWN.

SECURE BOTH THE SENSOR WIRES AND HARNESS CABLE TOGETHER ALONG THE TOP.

CRITICAL! THE EXCESS HARNESS CABLE SLACK IS ROUTED BELOW THE LATCH.

**TO ECONNECT®
SENSOR HUB - ACCESS
IN CABINET**



Installation Instructions

RFID 12V ELECTRONIC LOCK KIT – SOFTWARE SETUP

EXTENDED SENSOR PLATFORM SETUP INSTRUCTIONS:

The following section will provide step-by-step instructions for the initial software configuration and setup required for the CPI extended sensor platform. Configuring the PDU's will require WebUI access. This can be accomplished either with direct Ethernet access to each PDU, or with Ethernet access to the Primary PDU of an eConnect SecureArray™ configuration. To complete the necessary software configuration, execute the following steps:

1. Plugin the end of Sensor Array into Aux 2 port of PDU.
 - If using a secondary PDU with array, plug other end of array into Aux 2 port of 2nd PDU.
2. Access the PDU's WebUI.
3. Navigate to the PDU's "Settings" tab.
 - The "PDU Settings" page will be shown.
4. Next to "Aux Port Usage:", select the "Extended Sensor Platform" radio button. A few configurable items will now be enabled, where they were previously disabled:
 - The "Controller Negotiation:" options will be enabled with the "Auto-Negotiation" option selected.
 - The "Lead Override" checkbox will be enabled, but not selected.
5. Click "Save".
6. All modules will now initialize and begin reading and reporting data.



**NOTICE: MINIMUM MCM FIRMWARE
REQUIRED IS 5.4.1147.**

Installation Instructions

RFID 12V ELECTRONIC LOCK KIT – FIRMWARE UPGRADE

FW UPGRADE FUNCTIONALITY:

The Extended Sensor Platform has the capability to receive FW upgrades from the PDU WebUI.

1. To initiate a FW upgrade, first click on the “Administration” tab.
2. Next select the “Upgrade Firmware” page.
3. There will be a section at the bottom where a .bin file can be uploaded to upgrade the FW for all modules connected to that PDU.
 - This section will also display the current FW version that each module currently is running.
4. After FW upgrade is initiated, a progress bar will be present to display how far along the upgrade is.
5. After FW upgrade is completed, this section will update and display the new FW version for each module flashed.