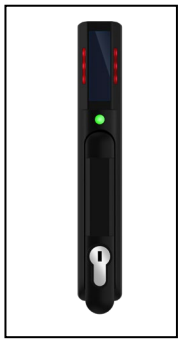
PANDUIT SECURITY HANDLE INSTALLATION GUIDE



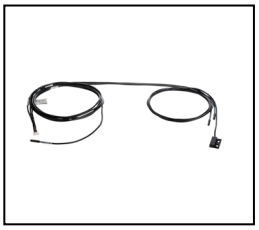
ACF05 Panduit Security Handle with integral humidity sensor



ACF06 Panduit Security Handle with integral humidity sensor and Keypad



ACF20 Panduit Security Handle to G5/G6 iPDU harness



ACF11 Panduit Security Handle (3) temperature & door sensor



ACF10 Panduit Security Handle temperature & door sensor

The Panduit Security Handle is designed to operate with Panduit G5/G6 PDUs with firmware equal to or greater than v3.x. Use the QR code or visit www.panduit.com for the latest PDU firmware.

Panduit Security Handle when connected to a Panduit G5/G6 PDU provides robust cabinet access and features specially designed sensors and wire harnesses to produce a tested, validated and documented engineered solution capable of managing up to 200 users. Please reference the Panduit G5/G6 PDU User Manual for complete details on features and functionality.

PANDUIT SECURITY HANDLE INCLUDED INSTALLATION PARTS


Cam Screw


Standard Rotation Limiter


Extended Rotation Limiter


Top Mounting Bracket


M3X20 Bottom Mounting Screws


Key


Bottom Mounting Bracket


M3.5X12 Top Mounting Screws

Countersunk Head


M3.5X15 Bottom Mounting Screws

MOUNTING PANDUIT SECURITY HANDLE (FRONT AND REAR DOOR)

NOTE: The Panduit Security Handle requires a cut-out of 150x25mm. See Figure 1.

1. Position the lock body within the cut-out and flush to the outer face of the cabinet door. Use the 12mm Top Mounting Screws and Top Mounting Bracket to secure the lock to the door. Torque to 0.4-0.5 Nm [3.5 - 4.4 in/lbs]

2. Select a suitable Rotation Limiter (standard or extended) and mount the latch. Secure using the included Cam Screw. Pay careful attention to the orientation of the Rotation Limiter according to your installation requirements. Torque to 4-5 Nm [35.4 - 44.2 in/lbs].

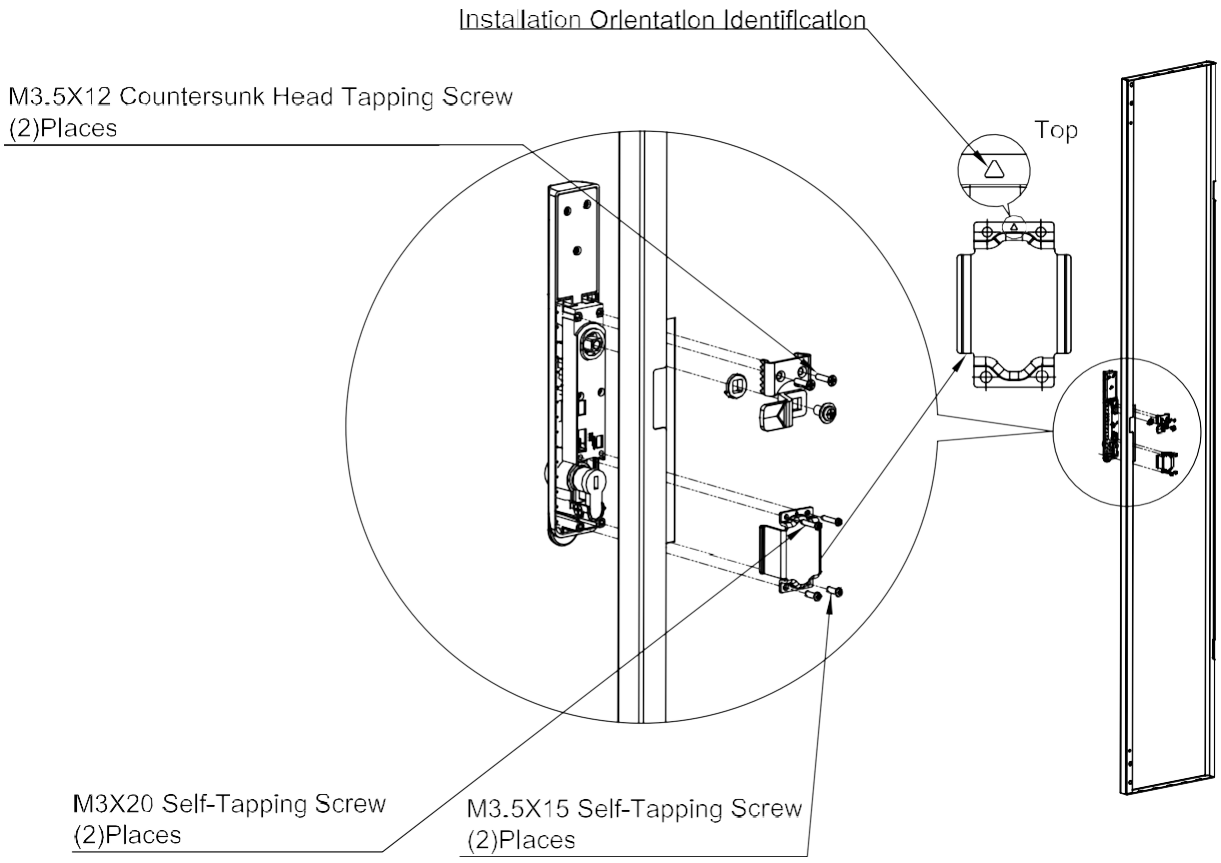


Figure 1: Panduit Security Handle Installation onto Cabinet Door

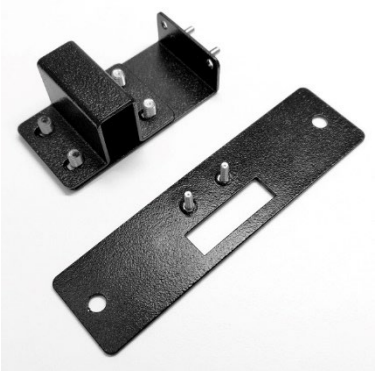
3. Ensure that the orientation of the lock plug corresponds to the orientation of the Bottom Mounting Bracket and install the Bracket using the included 15mm and 20mm Bottom Mounting Screws. Torque to 0.4 – 0.5 Nm [3.5 – 4.4 in/lbs].

OPTIONAL ACCESSORIES



Quick Disconnect Coupler

Panduit PN: CC5E88BL



Panduit PN: MA015

Panduit Full-Door Mounting Kit for Magnetic Sensors For use in Cabinets: Net Access S and N only



Panduit PN: MA016

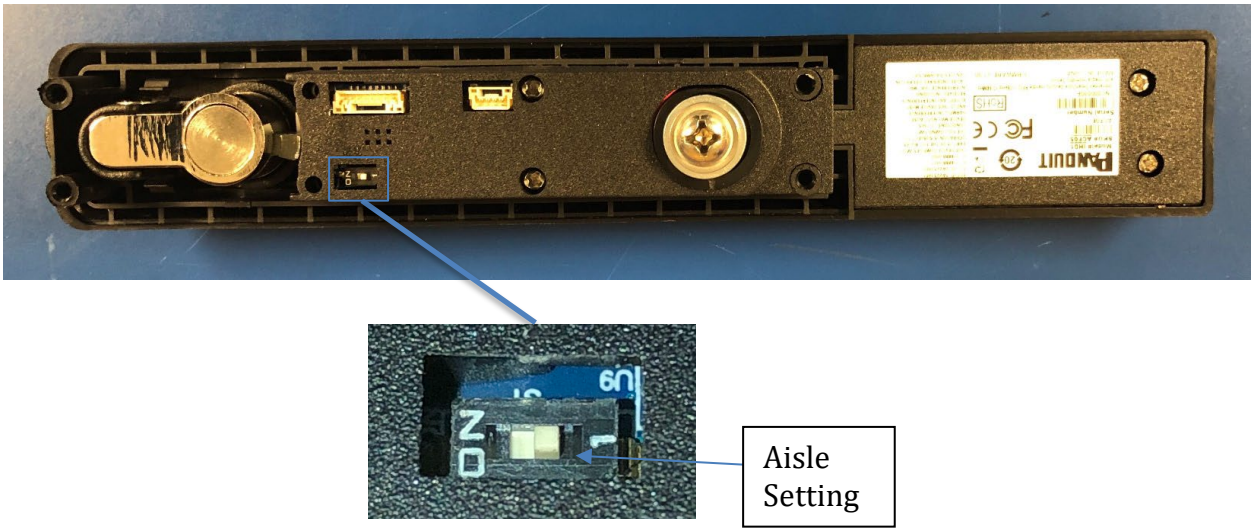
Panduit Split-Door Mounting Kit for Magnetic Sensors For use in Cabinets: Net Access S and N only

INSTALLATION INSTRUCTIONS

NOTE: The remainder of this guide demonstrates installation into a Panduit cabinet. Pay careful attention to the part numbers and location of each item. Adaptation to the installation locations/method may be required for other cabinets. It is also assumed that the G5/G6 iPDU is located at the rear of the cabinet.

HOT OR COLD AISLE SWITCH

Set the switch on the back of the Panduit Security Handle at “On” for Hot Aisle (aka rear door) and “1” for Cold Aisle (aka front door). This dip switch communicates with the firmware onboard the G5/G6 iPDU which can be seen in the Web GUI.



NOTE: For ease of installation of the ACF10 or ACF11 harness’s magnetic switch and magnet in Panduit cabinets, use Full-Door Sensor Bracket Kit (Panduit PN: MA015) or Split-Door Sensor Bracket Kit (Panduit PN: MA016). Installation instructions and hardware are included with the bracket kits.

1. Attach the ACF10 or ACF11 magnet to the top corner of the cabinet using screws, or optional bracket hardware (if applicable). See Figure 2.

2. Attach the ACF10 or ACF11 magnetic switch to the top corner of the cabinet door opposite the magnet using screws, or bracket hardware (if applicable). See Figure 2. Route and secure the cable to the cabinet door using adhesive backed mount and cable ties as needed.

NOTE: The operating distance between the Magnetic Switch and the Magnet is dependent on the installation. In a typical installation the distance between the Magnetic Switch and Magnet should be less than 10mm when the cabinet door is in the closed position. Greater distances may cause the G5/G6 iPDU to read the door as “OPEN”.

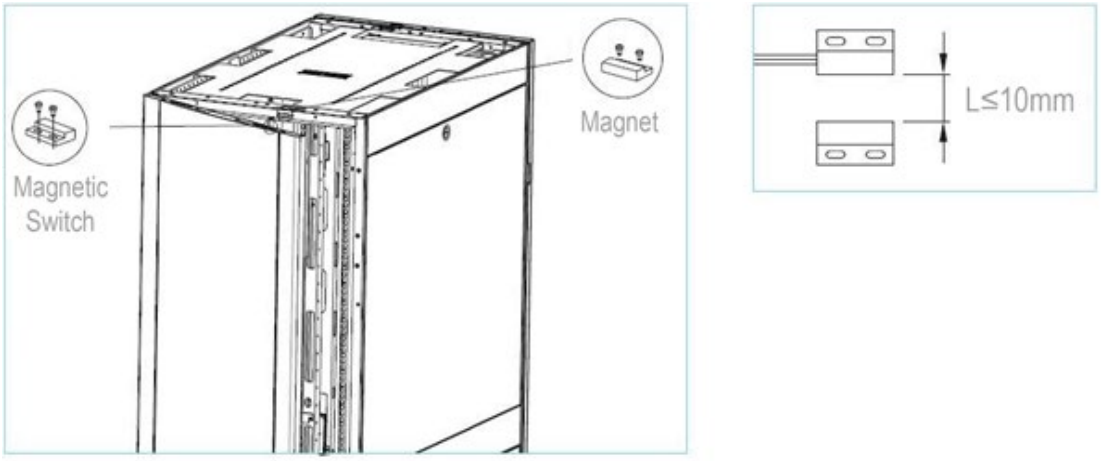


Figure 2: Magnetic Switch Placement

WIRE HARNESS CONNECTION

1. Connect the Panduit Security Handle to the G5/G6 iPDU with the appropriate Harness. Reference the connection diagram shown in
2. Figure *1* for standard applications.
3. Connect any environmental or access control accessory to port marked “Sensor” on the G5/G6 iPDU. Ask your local representative for more details.
4. Access the G5/G6 iPDU Web Interface to manage the Access Security configuration alarms and notification settings.

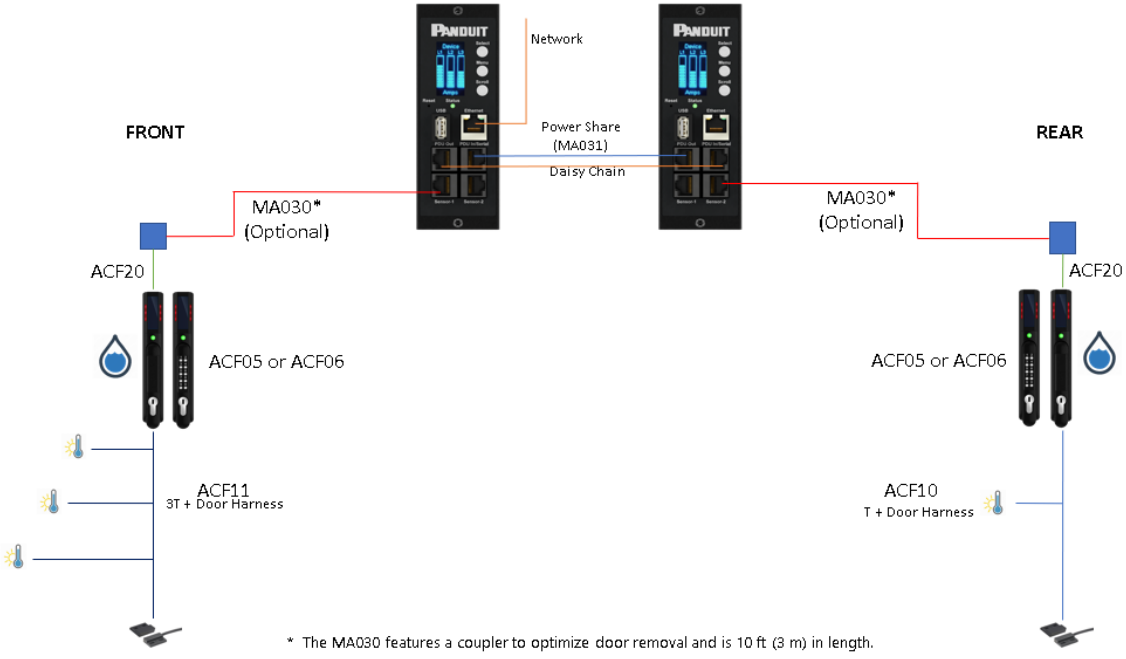


Figure 1: Connection Diagram Panduit Security Handle