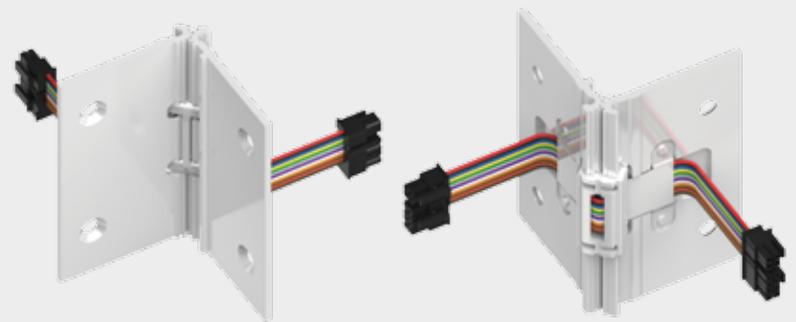


IVES®

XY Series Thru-Wire Panel

Electrification Option For
Adjustable Continuous Hinges



Overview

Introducing the new Ives® XY Series thru-wire panel option with Allegion Connect (TWP CON). The removable thru-wire panel is redesigned to be the most secure and optimal solution offered for powering your door, backed by a 5-year warranty. The TWP CON provides electric power transfer through the frame to the door in order to supply power to electrified mortise locks, cylindrical locks, exit devices with electric latch retraction, and/or electric strikes.

XY models offering TWP CON

Model	Description
026XY TWP	Full mortise, concealed narrow frame, with removable electrified panel
027XY TWP	Full mortise, 2 1/4" door, with removable electrified panel
112XY TWP	Full mortise, with removable electrified panel
114XY TWP	Full mortise, concealed narrow frame, edge protector, with removable electrified panel
224XY TWP	Full mortise, edge protector, with removable electrified panel

Available on full mortise XY models in standard lengths of 83", 85", and 95", and 119".

Features and benefits

- Certified ANSI/BHMA 156.26 Grade 1
- Comes standard with Allegion Connect 8-pin Connector
- New design has a 5-year warranty
- Mounting location aligns with common door device mounting heights allowing easy access to the panels without the need for a ladder
- One piece cover appearance provides no unsightly TWP seams in the cover
- Panel easily mounts and removes from mortise side of door
- Easy maintenance and accessibility, saves time and money
- New wire design features a Teflon coated wire, greatly improving performance and durability
- Each wire is 24 AWG and rated 50 Volts AC/DC at 3.5 amps (max.) continuous, or 16 amps (max.) pulse.

Ives XY aluminum continuous hinges are available with factory modified cutouts to accommodate thru-wire panel door requirements. Below is a guide to ensure proper prep and installation.

When ordering XY hinges with the thru-wire panel, indicate the following:

1. XY Model
2. Opening size
3. Handing. LH, RH, LHR or RHR (if applicable)
4. Finish
5. Specify suffix TWP CON

Example: 224XY 83" RH US28 TWP CON

When installing, follow these steps and refer to the install instructions available at us.allegion.com:

1. Determine hinge length
2. Cut hinge if necessary
3. Prepare door and frame for wire access
4. Run wiring prior to hanging door
5. Mark frame hole location
6. Mount the main hinge assembly to door
7. Mount door to frame
8. Connect wiring to panel
9. Install XY TWP CON removable panel
10. Lock down door position

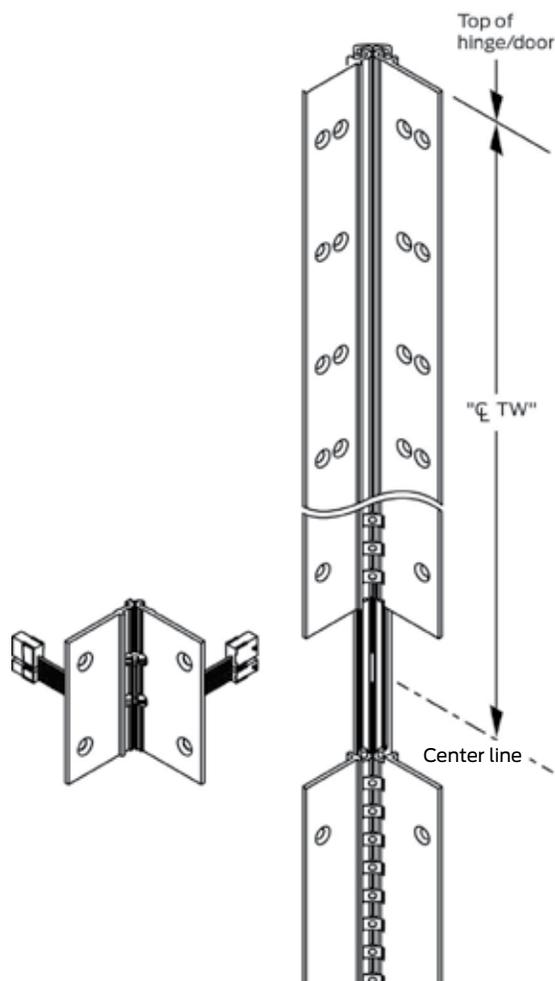
Additional notes:

- Below are standard locations for Ives XY thru-wire panel. In accordance with industry standards, all cutouts are made from the top edge of the door/hinge to the center line of the cut-out.
- XY TWP CON is located 39.5 inches from the bottom of the hinge. Consult factory for custom TWP locations.

Length chart for XY Series continuous hinges

Standard hinge lengths	Door height range		XY
	Min. door height	Max. door height	TWP CON height
83"	N/A	84"	43.5"
85"	84"	86"	45.5"
95"	86"	96"	55.5"
119"	96"	120"	79.5"

TWP XY SERIES



About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.



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