



700CS Full mortise pin and barrel continuous hinge w/ decorative cover

- Patented cover protects hinge knuckle and creates a cleaner and neater appearance
- XY adjustability feature allows for better door alignment during installation
- Patented, medical grade, nylon winged bearings
- For doors weighing up to 300 pounds without reinforcing. 600 pounds with reinforcing
- 1/16" door inset
- 48" Maximum door width
- Non handed
- Bevel or square edge door

Certifications

- Meets ANSI 156.26
- UL10C certified

Standard lengths

- 83", 85", 95", 120"

Standard mounting hardware

- 12-24 X 3/4" Self drilling, self tapping screws

Material

- 14 Gauge Type 304 stainless steel

Finishes

BHMA	Description	Substrate	Finish
441	Satin stainless anodized	Aluminum/Steel	US32DAN
600	Grey primer paint	Aluminum/Steel	USP
628	Clear aluminum anodized	Aluminum/Steel	US28
688	Satin brass anodized	Aluminum/Steel	US4AN
709	Satin bronze anodized	Aluminum/Steel	US10AN
710	Dark bronze anodized	Aluminum/Steel	313AN
711	Black anodized	Aluminum/Steel	315AN
712	Bright chrome anodized	Aluminum/Steel	US26AN
713	Satin chrome anodized	Aluminum/Steel	US26DAN

Custom paint available, consult factory. Standard custom paint is on cover only. Specify if paint on whole hinge is needed.

Options

- HT.....Hospital tip
- EPT.....Electric power transfer
- TW8.....Electrical through wire
- CON.....Allegion Connect

Optional mounting hardware

- SECHM.....Security screws - hollow metal door and frame
- WD.....Wood door and frame

For single door applications:

For pairs of doors see chart and general information

General information - electrification options

Only available for the full mortise hinges

Electric power transfer (EPT) available on 600, 700, 705, 715, 700CS, 715CS models

Electric power transfer provides the most secure and best solution for transferring power from the door frame to the edge of a swinging door. Ives Pin and Barrel Hinges provide standard cut outs to fit Von Duprin EPT- 2, EPT-10 and PNT-1 devices. Consult factory for other electrical cut out options. Door handing is required.

Electrical through-wire (TW8) for standard models (600, 700, 705, 715) only

Recommended for low frequency usage. Provides electric power transfer from the frame to the door cable in order to supply power to an electrified mortise or cylindrical locks, exit devices with electric latch retraction, and/or electric strikes (pairs of doors). Through-wire is rated 50 volts AC/DC at 3.5 amp continuous and 16 amp pulse. Maximum pulse 400 milliseconds. Ives through-wire hinges are fully compatible with 4 wire and 8 wire installations. Requires the door to be torn down for maintenance. Available CON option comes with the Allegion Connect 8-pin Connector which makes it easy to connect to other electrical consumption devices.

Electrical through-wire panel with Allegion Connect (TWP) (700CS models only)

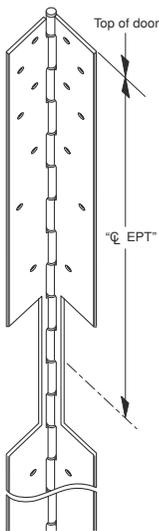
The thru-wire panel solution works in the CS mortise hinge to maintain the clean aesthetic design of aluminum geared continuous hinges. Made with the same medical grade bearings of Ives other pin and barrel hinges, the CS Series brings thru-wire panel innovation to your continuous hinge application while keeping its great looks.

The CS Series thru-wire panel is a heavy duty, easy-to-install, stainless steel panel. Tested to 2.5 million cycles, the CS Series panel can quickly slip in and out of the hinge for maintenance and replacement.

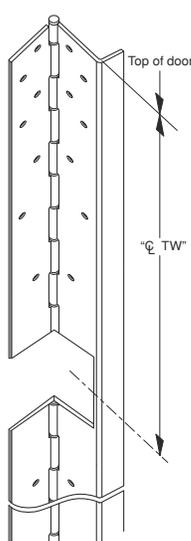
Unlike all of the other manufacturer solutions the CS Series thru-wire panel maintains a one piece appearance on the cover side of the hinge. It installs with the same 5/16" clearance as aluminum geared hinges and works in all of the decorative cover finishes.

Provides electric power transfer from the frame to the door in order to supply power to an electrified mortise or cylindrical locks, exit devices with electric latch retraction, and/or electric strikes (pairs of doors). Thru-wire panel is rated 50 volts AC/DC at 3.5 amp continuous and 16 amp pulse. Maximum pulse 400 milliseconds. Ives through-wire hinges are fully compatible with 4 wire and 8 wire installations. Available CON option comes with the Allegion Connect 8-pin Connector which makes it easy to connect to other electrical consumption devices.

EPT 600/700/
700CS



TW8 600/700s



Note: See ordering guide in price book for proper placement.

Standard Length	EPT	TW	TWP
83"	30"	43-19/32"	43-13/16"
85"	32"	45-17/32"	44-29/32"
95"	42"	55-17/32"	55-9/32"
120"	67"	80-17/32"	79-1/2"

Electrical Cutouts

Ives Pin & Barrel Continuous Hinges are available with factory modified cutouts to accommodate most electrical frame to door requirements. Special templates are required.

When ordering indicate the following:

1. Opening size.
2. Handing, LH, RH, LHR or RHR.
3. Manufacturer and model number of the electrical product being used. Example; Von Duprin ETPT2

Because clearances may vary between door and frame manufacturer, and locations can be influenced by the door hardware it is always recommend contacting Ives Customer Technical for specific template information.

For your general information following are standard locations for Von Duprin EPT2 or EPT10, and TW (through wire).

In accordance with industry standards, all cutouts are made from Top Edge of Door to Center Line of Cut-out.