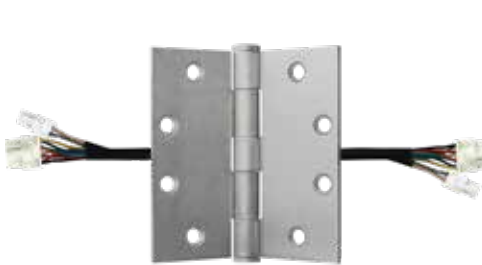


General Hinge Information

Special Situation Products

- "CE" Concealed electric hinges conduct current regardless of door position to electric locks, exit devices, or hold open devices where tamper-proof hinge is required. Also to transmit signals from code readers on doors to remote computers for access control
- No electrical parts are exposed when hinge is installed
- Permanent fast pin
- Hinges should be installed in the center hinge location
- Not available as swing clear or raised barrel
- Hinges may be equipped with both concealed wires and concealed switches. When both are desired on the same hinge use prefix "CECS"
- Packed one per box with all machine screws and installation instructions
- When ordering specify class number, size, finish and number of wires
- Suffix -54 for 4 wires, 56 for 6 wires -66 for 6 wires (2@24AWG, 4@28AWG), 58 for 8 wires or 10 for 10 wires
- Should be used along with a junction box
- Can be furnished with hospital tips



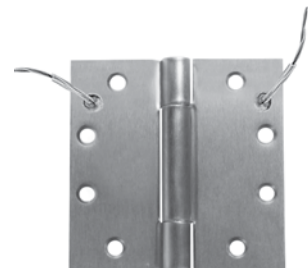
CECB179-12C**
Electrified Quick
Connect Hinge



CECB179
CECB168
CECB191
CECB199
5-Knuckle Concealed Bearings



CEFBB179
CEFBB168
CEFBB191
CEFBB199
5-Knuckle Exposed Bearings



CECB1900R
CECB1901R
CECB1960R
CECB1961R
3-Knuckle Concealed Bearings
(Handed - Specify RH or LH)



Electrical Ratings

Suffix	# Wires	Wire Gage	Volts (AC or DC)	
			6,12,24	48
		Current		
-54	4	28AWG	1 amp/wire	5 milli-amp/wire
-56	6	28AWG	.7 amp/wire	5 milli-amp/wire
-58	8	28AWG	.5 amp/wire	5 milli-amp/wire
-10	10	28AWG	.4 amp/wire	5 milli-amp/wire
-66*	6	2@24AWG	2 amp/wire	5 milli-amp/wire
		4@28AWG	1 amp/wire	5 milli-amp/wire
18**	8	2@18AWG	10amp/wire	5 milli-amp/wire
		6@28AWG	.7amp/wire	5 milli-amp/wire

Inrush 15A for .05 second/wire "CE" hinges are listed by UL at these ratings

* Not available in FBB168 and FBB199

** -18 and -12C are only available on models CBI68, CBI79, CBI91 & CB-199.

Class Number

CBI79	CBI99	FBB191	CBI901R
CBI68	FBB179	FBB199	CBI960R
CBI91	FBB168	CBI900R	CBI961R

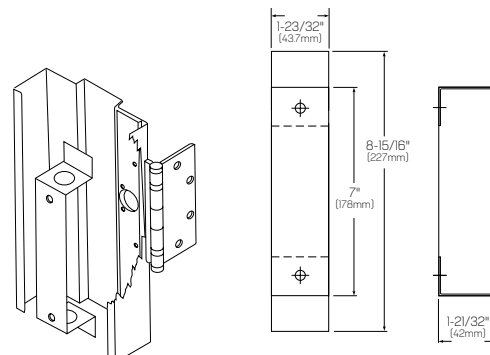
Sizes Available

4-1/2" x 4"	[114mm x 102mm]	5" x 5"	[127mm x 127mm]
4-1/2" x 4-1/2"	[114mm x 114mm]	6" x 4-1/2"	[152mm x 114mm]
5" x 4"	[127mm x 102mm]	6" x 5" *	[152mm x 127mm]
5" x 4-1/2"	[127mm x 114mm]	6" x 6" *	[152mm x 152mm]

* Not available in CBI91, FBB191, CBI900R and CBI960R

JB2R – Junction Box

- Note: Install in middle hinge location
- Can be shop welded or field installed – before frames are set
- Fits either 4 1/2" [114mm] or 5" [127mm] size hinges



Junction Box Top View

Right Side View