

ELECTRIC HINGES



CECB179



CSFBB179



CONCEALED ELECTRIC

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

Inrush 15A for .05 second/wire

"CE" hinges are listed by UL at these ratings

* Not available in FBB168 and FBB199

Class Number			Sizes Available	
CB179,	FBB179,	CB1900R		
CB168,	FBB168,	CB1901R	4 1/2" x 4"	(114mm x 102mm)
CB191,	FBB191,	CB1960R	4 1/2" x 4 1/2"	(114mm x 114mm)
CB199,	FBB199,	CB1961R	5" x 4"	(127mm x 102mm)
			5" x 4 1/2"	(127mm x 114mm)
			5" x 5"	(127mm x 127mm)
			6" x 4 1/2"	(152mm x 114mm)
			6" x 5"*	(152mm x 127mm)
			6" x 6"*	(152mm x 152mm)

* Not available in CB191, FBB191, CB1900R and CB1960R

Electrical Ratings for -18 Model			
Suffix	# Wires	Wire Gage	Volts (AC or DC)
			6, 12, 24
			Current
-18*	8	2 @ 18 AWG	10 amp/wire
		6 @ 28 AWG	.7 amp/wire

Inrush 20A for 4 seconds/wire "CE" hinges are listed by UL at these ratings

*Available in CB179, CB168, CB191, CB199 only in 4-1/2" x 4-1/2", 5" x 4-1/2". For other sizes consult factory

CONCEALED SWITCH

Electrical Ratings		
Volts AC or DC	Current Rating	
	Resistive	Inductive
6	.30amp	.30amp
12	.25amp	.25amp
24	.20amp	.15amp
48	.15amp	.12amp

Class Number			Sizes Available	
CB179,	FBB179,	CB1900R	4 1/2" x 4"	(114mm x 102mm)
CB168,	FBB168,	CB1901R	4 1/2" x 4 1/2"	(114mm x 114mm)
CB191,	FBB191,	CB1960R	5" x 4"	(127mm x 102mm)
CB199,	FBB199,	CB1961R	5" x 4 1/2"	(127mm x 114mm)
			5" x 5"	(127mm x 127mm)
			6" x 4 1/2"	(152mm x 114mm)
			6" x 5"*	(152mm x 127mm)
			6" x 6"*	(152mm x 152mm)

* Not available in CB191, FBB191 and CB1960

Hinges may be equipped with both concealed wires and a concealed switcher. When both are desired use prefix "CECS".

Q: What are STANLEY electric hinges?

A: The STANLEY electric hinges line is composed of CE, CS and CECS types. "CE" (concealed electric) hinges conduct current regardless of door position to electric locks, exit devices or hold-open devices where a tamper-proof hinge is required. "CS" (concealed switch) hinges enable you to monitor the door position in order to activate alarms and observe devices where a tamper-proof hinge is required. "CECS" hinges are equipped with both concealed wires and concealed switches.

Q: What hinge types are electric hinges offered in?

A: Electric hinges are available in full mortise only. Heavy weight and standard weight versions are available.

Q: What differentiates the electric heavy weight hinges from the electric standard weight hinges?

A: Heavy weight electric hinges are manufactured using a thicker gauge metal.

Q: What knuckle designs are electric hinges offered in?

A: Electric hinges are available in 3 and 5 knuckle designs.

Q: What is the common electric hinge application?

A: The electric hinges line consists of standard commercial grade door hinges. This makes them an ideal fit for wood and metal doors, medium to heavy weight doors and medium to high frequency usage applications. In addition, steel and stainless steel hinges are available. Steel hinges are a good fit for interior applications whereas stainless steel hinges are ideal for exterior or corrosive environments.

Q: What hinge tips are offered for electric hinges?

A: Electric hinges can be ordered with hospital tips.

Q: What screws are included with electric hinge orders?

A: Both machine and wood screws are included in electric hinge orders to allow for easy installation on either wood or metal doors and door frames.

Q: Do you have to specify handing when ordering electric hinges?

A: 5 knuckle CE and all CS hinges are non-handed, so they can be used on both RH and LH doors. However, you must specify handing when ordering 3 knuckle CE and all CS hinges.

Q: What finishes are offered for electric hinges?

A: Electric hinges are available in 30+ finishes allowing for cohesion with other door hardware finishes.

Q: What is the lead time for electric hinges?

A: The average lead time for stock electric hinges is 48 hours from order receipt. Please consult the factory for lead times on made-to-order requests.

Q: What warranty do electric hinges have?

A: Electric hinges have a 1 year warranty.