

Installation Instructions for "CE" Type Electrical Hinges

Application Procedure

Electrical ratings for electric hinges

	VAC and VDC	AC Current	DC Current	Max in -rush* current not to exceed 50 milli- seconds (0.05 sec)
Max rating for 50 volts all models, EXCEPT FOR(-18)		1 amp	1 amp	15 amps

Table 1-Electrical hinge ratings for all electric hinges

-54, -56, -58, and -10 CE Hinge Application

Maximum current per wire per hinge				
Voltage AC or DC	-54	-56	-58	-10
	4 wire	6 wire	8 wire	10 wire
6, 12, 24	1 amp	0.7 amp	0.5 amp	0.4 amp

Table 2- Maximum electrical current ratings per wire per hinge

-66 CE Hinge Application

Maximum current per wire per hinge		
Voltage AC or DC	-66	-66
	4 wire, 28 AWG wire	2 wire, 24 AWG wire
6, 12, 24	1 amp	2 amp

Table 3- Maximum electrical current ratings per wire per hinge

-18 CE Hinge Application

Maximum current per wire per hinge		
Voltage AC or DC	-18	-18
	6 wire, 28 AWG wire	2 wire, 18 AWG wire
6, 12, 24	1 amp	10 amp

Table 4- Maximum electrical current ratings per wire per hinge

* MAX INRUSH FOR (-18) MODEL NOT
TO EXCEED 20 AMPS FOR 4 SECONDS

Installation Procedure

- 1 Prepare the door and frame in accordance with the appropriate CE hinge template. See Stanley templates T45-15, t45-19, T50-15, or T50-19.
- 2 De-burr wire access holes so that they are free from all burrs and sharp corners. See Figure 1.
- 3 Hang the door on the two or more non-electrical hinges,
- 4 Open the door to 90 degrees or more.
- 5 Extract the interior wiring from the door and the jamb, through the wire access holes.
- 6 Make the appropriate connections of the interior wiring to the hinge wiring. See Figure 1. See also "Notes on electric hinge wires".

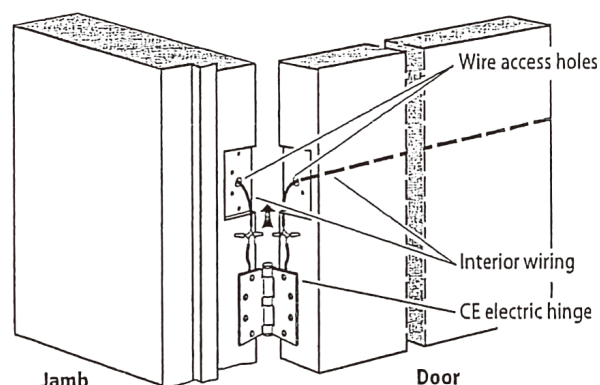


Figure 1- Hinge mounted on center position

- 7 Feed the wires back through the access holes while seating the hinge in the mortise.
- 8 Install the screws.

Note 1: DO NOT attempt to remove the pin from the CE hinge. It is permanently assembled.

Note 2: It is suggested this hinge be mounted in the center or lower position of the door where it is less affected by door and jamb variation.