

STANLEY Installation Instructions for
Hardware "CE" Type Electrical Hinges

Application Procedure

Electrical ratings for electric hinges

VAC and AC VDC	AC Current	DC Current	Max in -rush* current not to exceed 50 milli- seconds
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	-54	-56	-58	-10
or DC	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	-66	-66
or DC	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	-18	-18
or DC	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".

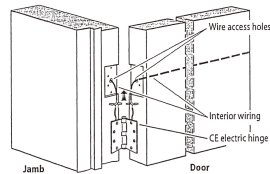


Figure 1- Hinge mounted on center position

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.