

## McKinney Concealed Circuit Electric Hinges

### Delivering the Power to Door Hardware

McKinney Concealed Circuit (CC) electric hinges allow a constant flow of energy from the power source through the hinge to electrified door hardware. No external wires can be seen, eliminating disruption of power due to tampering or disconnection, and improving the aesthetics of the opening.

The Concealed Circuit Electric Hinge option is available on most McKinney standard or heavy weight hinges in stainless steel, steel or brass. Standard and custom finishes are available. In addition, custom hinges can be manufactured to meet the needs of the situation.

### Applications:

- K -12 Education
- Universities
- Hospitality
- Healthcare
- Military

| Features  | Benefits  |
|---|---|
| Capacity for regular and heavy duty electric applications   | Allows operation of devices requiring power such as electric locks, electric strikes and electric latch retraction exit devices |
| Available as standard with 28 gauge wires or as heavy-duty with two 18 gauge wires plus additional 28 gauge wires | Options meet the requirements of most door devices and hardware   |
| Hinge passes a constant flow of power   | Door hardware and devices are actuated by power received thru the hinge   |
| Available on standard and heavy weight hinges   | Meets the needs of most applications  |
| Brass eyelets on portal holes   | Protects electric wires from chafing  |
| Available in all standard finishes plus custom finishes   | Coordinate with other door hardware and enhance the aesthetics  |
| 4' lead option  | For applications where longer wire is needed  |
| UL Listed, ANSI/BHMA A156.1 Standard  | Meets industry standards  |



The McKinney Electric Hinge is an intermediate connector that passes a constant flow of current between the source of power (jamb) and the devices in the door (electric locks, exit devices, etc.). Brass eyelets add protection and durability to the hinge.

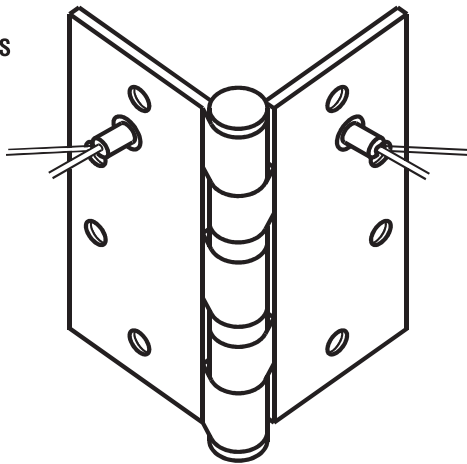
All popular McKinney hinges are available as electrified using standard 28 gauge or 18 gauge heavy-duty wire. To order, use the standard part number and the electrified option suffix required. 4' lead is available for those applications that require extra long wire. Other hinges can be electrified upon request. Please call 1-800-810-WIRE (9473) if you need assistance regarding hinge requirements.

**Ordering Information:**

To Order Specify Size, Model, Finish, and Option Suffix. For

Example:

| Size            | Model # | Finish | Option Suffix |
|-----------------|---------|--------|---------------|
| 4-1/2" x 4-1/2" | TA2714  | 26D    | CC4           |



**Technical Specifications:**

The ANSI/BHMA A156.1 Standard requires the hinge wire meet a minimum of 350,000 cycles. These hinges have been cycle tested and passed 3,700,000 cycles, over ten times the ANSI standard requirement. McKinney electric hinges are UL listed.

All McKinney electric hinges are factory tested and specially packaged to minimize against damage during shipment. Installation instructions are packed with each hinge.

| Option Suffix     | Total Wires | Configuration            |
|-------------------|-------------|--------------------------|
| <b>Standard</b>   |             |                          |
| CC2               | 2           | 2- 28 gauge wires        |
| CC4               | 4           | 4- 28 gauge wires        |
| CC6               | 6           | 6- 28 gauge wires        |
| CC8               | 8           | 8- 28 gauge wires        |
| <b>Heavy-Duty</b> |             |                          |
| CC2-18            | 2           | 2- 18 gauge wires        |
| CC4-18            | 4           | 2- 18 gauge, 2- 28 gauge |
| CC6-18            | 6           | 2- 18 gauge, 4- 28 gauge |
| CC8-18            | 8           | 2- 18 gauge, 6- 28 gauge |
| CC10-18           | 10          | 2- 18 gauge, 8- 28 gauge |