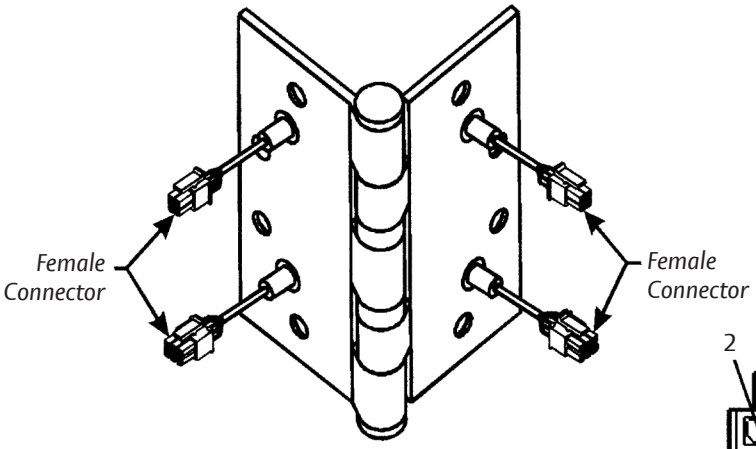
# Architectural Door Accessories

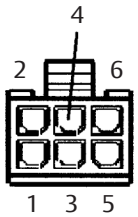
ASSA ABLOY

## McKinney "PoE" (Power over Ethernet) Concealed Circuit Hinge

The global leader in door opening solutions




Back of PoE hinge shown




Hinge 6 Pin Connector




Hinge 4 Pin Connector

### Connector Color Codes

| Connector Positions for wires | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 CKT | | | | | | 4 CKT | | | |
| Pin # 1 | Pin # 2 | Pin # 3 | Pin # 4 | Pin # 5 | Pin # 6 | Pin # 1 | Pin # 2 | Pin # 3 | Pin # 4 |
| White/Blue | Blue | White/Brown | Brown | | Green/Yellow | White/Orange | Orange | White/Green | Green |

The McKINNEY "PoE" Concealed Circuit Hinge is an intermediate connector which allows for the passage of a constant flow of current between the source of power and the actuated devices in the door, i.e. PoE devices, etc. regardless of the door position.

***NOTE: Door and frame should be prepared per the proper Hinge Template before beginning to assemble the"PoE" Hinge to them. Templates can be downloaded, if desired, from our website at www.mckinneyhinge.com.***

WIRE SPECIFICATIONS:

2 twisted pairs (26 AWG)
4 straight conductor (28 AWG)
1 straight conductor (24 AWG)

ELECTRICAL RATING:

361 mA continuous @ 57 volts DC

LOCATION:

The "PoE" Hinge should be located in the second from the bottom hinge preparation on the door and frame.

INSTALLATION:

**NOTE: Do not try to disassemble the hinge. Serious damage will occur and void any warranty. Wire access holes must be burr free to avoid damaging wires. Before attaching any wires make sure that the hinge will fit properly in the mortise without any binding or pinching of wires.**

Connect the ***Harness Asembly(ies)*** to the door frame side and door side in the second from the bottom hinge position on the frame.

Slide the ***Male Connect(s)*** on the ***Harness Asembly(ies)*** on to the Female Connection(s) on the hinge. Being careful not to damage any wires, push any excess wire and the connection(s) through the access hole(s) in the hinge reinforcing on the jamb into the mortar guard, which is attached to the frame. Attach the hinge leaf to the jamb using the screws provided.

Slide the ***Female Connection(s)*** into the ***Male Connect(s)*** located in the second from the bottom hinge preparation on the door. Being careful not to damage any wires, push any excess wire and the connection(s) through the access hole(s) in the hinge reinforcing on metal doors or into the pocket on wood doors or doors with cores. Attach the hinge leaf to the door using the screws provided.

225 Episcopal Road
Berlin CT 06037
P: 800.346.7707 | F: 800.541.1073
www.mckinneyhinge.com | dss-orders@assaabloy.com

McKinney is a brand associated with Corbin Russwin, Inc., an ASSA ABLOY Group company. Copyright © 2017, Corbin Russwin, Inc.
All rights reserved. Reproduction in whole or in part without the express written permission of Corbin Russwin, Inc. is prohibited.