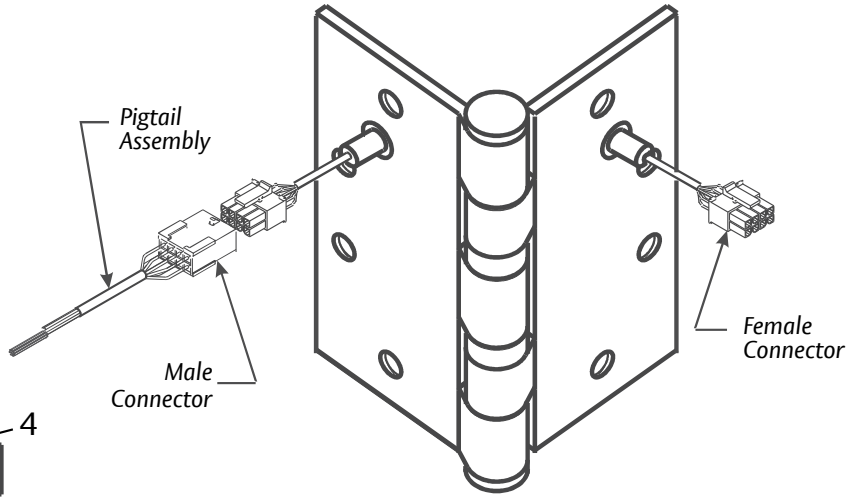
Architectural Door Accessories

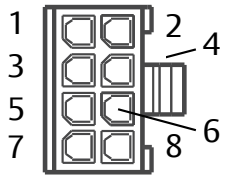
ASSA ABLOY

McKinney "QC" (Quick Connect) Concealed Circuit Hinge

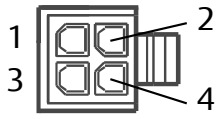
The global leader in door opening solutions



Back of 8 Wire hinge shown



Hinge 8 Pin Connector
(2 thru 8 wire Hinges)



Hinge 4 Pin Connector
(10 thru 12 wire Hinges)

Conductor Color Codes

Connector Positions for wires											
Pin # 1	Pin # 2	Pin # 3	Pin # 4	Pin # 5	Pin # 6	Pin # 7	Pin # 8	Pin # 1-9	Pin # 2-10	Pin # 3-11	Pin # 4-12
Black	Red	White	Green	Orange	Blue	Brown	Yellow	Violet	Grey	Pink	Tan

The McKinney "QC" 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. electric locks, exit devices, etc. regardless of the door position.

NOTE: Door and frame should be prepared per the proper Hinge Template before beginning to assemble the "QC" Hinge to them. Templates can be downloaded, if desired, from our website at www.mckinneyhinge.com. If the hinge has more than (1) electrical option, a separate installation instruction will be packed for each one.

WIRE SPECIFICATIONS:
28 Ga. stranded w/PTFE insulation, NEMA HP-3 Each conductor is colored differently for ease of identification.

ELECTRICAL RATING:
4 amp continuous @ 24 volts AC or DC, 16 amp pulse for 300 msec. (cycle time not less than 4 sec.), 10amp pulse for 250 msec. (cycle time not less than 2 sec.)

LOCATION:
The "QC" 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 properlyin the mortise without any binding or pinching of wires.

Connect the ***Pigtail Asembly(ies)*** to the building security wiring (provided by others) in the second from the bottom hinge position on the frame.

NOTE: Hinges with up to 8 wires will have an 8 position connector on them. If there are more than 8 and up to 12 wires there will be a 4 position connector in addition to the 8 position connector.

Slide the ***Male Connector(s)*** on the ***Pigtail Assembly(ies)*** onto the Female Connector(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 Connector(s)*** into the ***Male Connector(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 the door. Attach the hinge leaf to the door using the screws provided.

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