

# PTH

## Power Transfer Hinge



Electric Power Transfer Hinges provide a concealed and vandal resistant method for running wires from the frame to doors equipped with electric locks and exit devices.

### FEATURES

- UL 10B Listed for 3Hr fire rated doors
- 800,000 cycles. 8 Times UL Test Criteria
- Wire Replacement Warranty
- Standard Weight, 5 Knuckle Hinge

### MODELS

-  **PTH-4** Four (4) Conductor Power Transfer Hinge, (4x) 26 AWG
-  **PTH-10** Ten (10) Conductor Power Transfer Hinge, (10x) 28 AWG
-  **PTH-2+4** 16 Amp Inrush, 6 Conductor Power Transfer Hinge, (2x) 18 AWG + (4x) 28 AWG

### SPECIFICATIONS\*

<b>Finish</b>	626 Dull Chrome (standard)
<b>Standard Size</b>	4-1/2" x 4-1/2"
<b>Cable</b>	5' (standard)
<b>Weight</b>	1.2 lbs

\* Contact SDC factory for special order sizes or heavy weight hinges



## APPLICATION

Installed in the center hinge position of the door, PTH Power Transfer Hinges provide the concealed wires required between the door and the frame, for the purpose of powering and monitoring electric door hardware.

- Electric Lock Power and Control
- Door and Lock Status Signaling
- Request-to-Exit Signaling

Compatible with:

- Electrified Mortise Locks
- Electrified Cylindrical Locks
- Delayed Egress Exit Devices
- Electric Trim
- Electric Strikes in Pair of Doors

In addition to compatibility with other manufacturers electric hardware products, the PTH power transfer hinge may be used with the following SDC products.

- Electrified Mortise Locksets  
7800 Series
- Electrified Cylindrical Locksets  
Z7200 Series
- Delayed Egress Exit Devices  
S6000 Series
- Request-to-Exit Bars  
PSB560 Series, MSB550 Series



PRODUCT SKU SAMPLE: PTH-10 Q DPS

## HOW TO ORDER

### 1| SPECIFY MODEL

- PTH-4** Four (4) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (4x) 26 AWG
- PTH-10** Ten (10) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (10x) 28 AWG
- PTH-2+4** 16 Amp Inrush, 6 Conductor Power Transfer Hinge: 1-pair 16 Amp Inrush, 4 Amp Continuous; 2-Pair 1 Amp @ 12/24V, (2x) 18 AWG + (4x) 28 AWG

### 2| SPECIFY FINISH

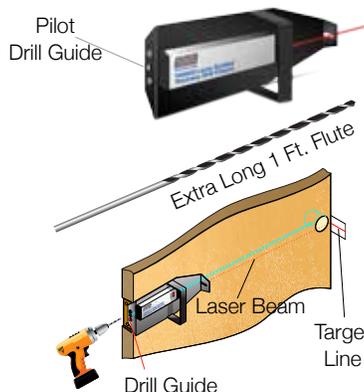
- Q** 626 Dull Chrome (standard)
- C** 605 Bright Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

### 3| SPECIFY OPTIONS (OPTIONAL)

- DPS** Concealed Door Position Switch  
SPDT, 250mA @ 30VDC

## ACCESSORIES

### LASER GUIDED DRILL FIXTURE KIT



The SDC laser guided door core drill assembly provides an economical method of wire preparation for particle filled or solid wood doors to accommodate the installation of electrified locksets, exit devices and hinges

### MODELS

- 7000-DGK** Door Core Drill Guide Kit
- 7000-DB3/8** 3/8" x 4 Ft. Drill Bit Replacement

The 7000-DGK Kit includes:

- Laser Guided Door Core Raceway Fixture
- 1/4" x 6" Pilot Drill Bit
- 3/8" x 50" Door Raceway Drill Bit Custom designed evacuator drill bit, tool sharpened with 1' extra long flutes
- Fiberglass Wire Running Kit:
  - Flexible acrylic end connection
  - Brass hook end for pulling
  - Brass eye end for pushing
- Door Wedge
- Kit Carry Case

