

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

SPECIFICATIONS*

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

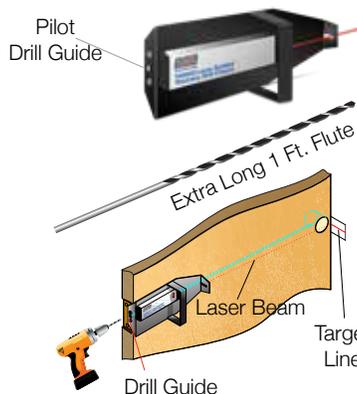
- PTH-4Q** Four (4) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (4x) 26 AWG
- PTH-10Q** Ten (10) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (10x) 28 AWG
- PTH-2+4Q** 16 Amp Inrush, 6 Conductor Power Transfer Hinge: 1-pair 16 Amp Inrush, 4 Amp Continuous; 2-Pair 1 Amp @ 12/24V,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

2| SPECIFY 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

