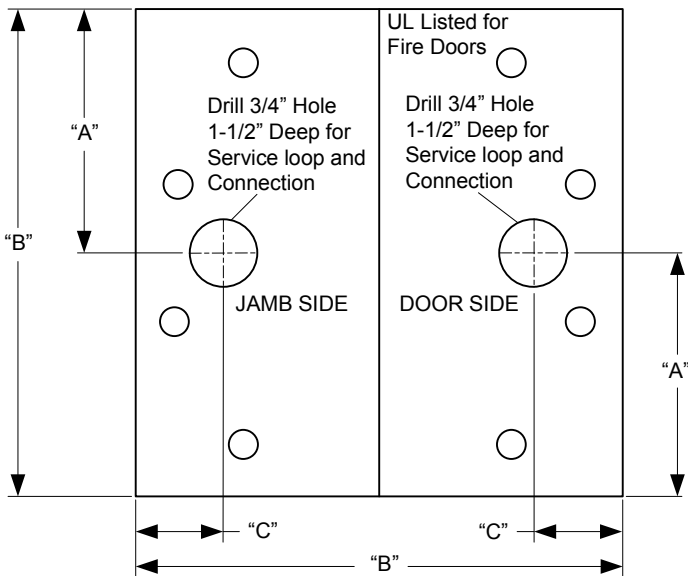




TEMPLATE, POWER TRANSFER HINGE PTH SERIES

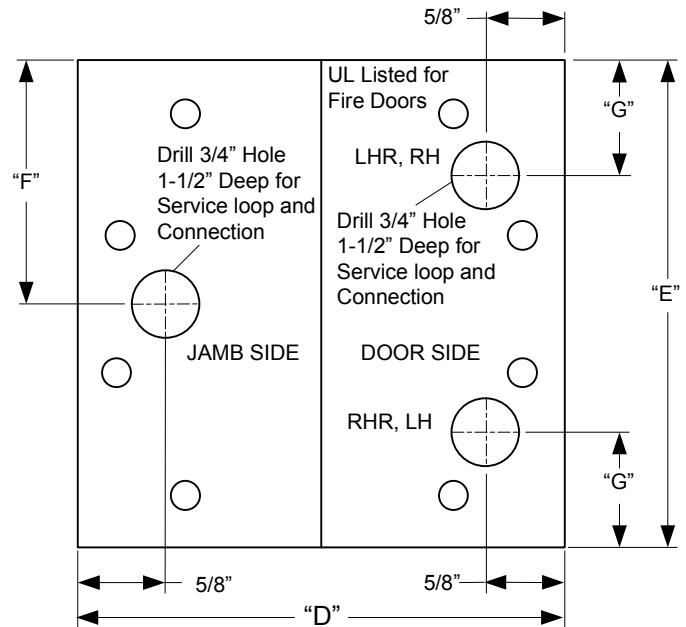
This is a dimensional drawing only.

NOT TO SCALE



DIMENSION CHART 5 KNUCKLE STANDARD WEIGHT

4" x 4" – A = 2" B = 4" C = 5/8"
4-1/2" x 4-1/2" – A = 2-1/4" B = 4-1/2" C = 5/8"
5" x 5" – A = 2-1/2" B = 5" C = 5/8"



DIMENSION CHART 4-1/2", 5 KNUCKLE HEAVY WEIGHT

E = 4-1/2" F = 2-1/4" G = 1"
4-1/2" x 4" ~ D = 4"
4-1/2" x 4-1/2" ~ D = 4-1/2"
4-1/2" x 5" ~ D = 5"
4-1/2" x 6" ~ D = 6"

DIMENSION CHART 5", 5 KNUCKLE HEAVY WEIGHT

E = 5" F = 2-1/2" G = 1-1/16"
5" x 4" ~ D = 4"
5" x 4-1/2" ~ D = 4-1/2"
5" x 5" ~ D = 5"
5" x 6" ~ D = 6"

A maximum of 1 Power Transfer Hinge shall be installed in a given door assembly.
Electric hinges are non-load bearing and must be mounted in the center hinge position only.
Do not disassemble hinge. Disassembly voids warranty.
Do not force hinge into prep. Binding hinges will shorten life and damage hinge.
Do not hang hinge from wires. Damage can occur.
After connections are made, slide wire through holes, making sure that wires are not pinched or rubbing on sharp edges.

ELECTRICAL DATA

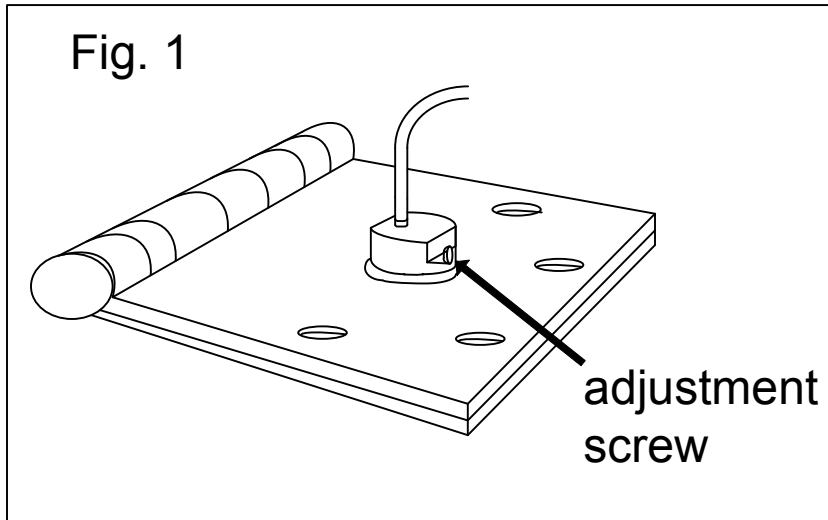
4 WIRE – 24 Volts AC/DC @ 1 Amp
PTH 2+4 6 WIRE – 24 Volts AC/DC @ 1 Pair 16 Amp inrush, 4 Amp continuous 2 Pair 24 volts AC/DC @ 1 Amp
10 WIRE – 24 Volts AC/DC @ 1 Amp

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com

Adjustment instructions:

Clockwise Wider Gap (see fig. 1)

Counter Clockwise Narrow Gap (see fig. 1)



PTH-4DPS
PTH-10DPS

Hinge is adjusted with a 1/4" Gap from factory which equates to the door opening 1-1/2" for a 3ft door and 2" for a 4ft door before triggering the monitor switch

	Minimum Hinge Gap 3/16"	Maximum Hinge Gap 3/8"
3 ft Door Opening	1 in.	3-1/2 in.
4 ft Door Opening	1-1/2 in.	4 in.

Wire Color Code for monitor switch:
 Yellow with Black stripe – Common
 Blue with White stripe – Normally Closed
 Red with White Stripe – Normally Open

Switch Ratings:
 Electrical:
 50 to 100 mA, 30 VDC
 Inrush Current:
 NC: 0.5 A max
 NO: 0.5 A max
 Operating Frequency:
 Mechanical: 60 operations per minute
 Electrical: 20 operations per min