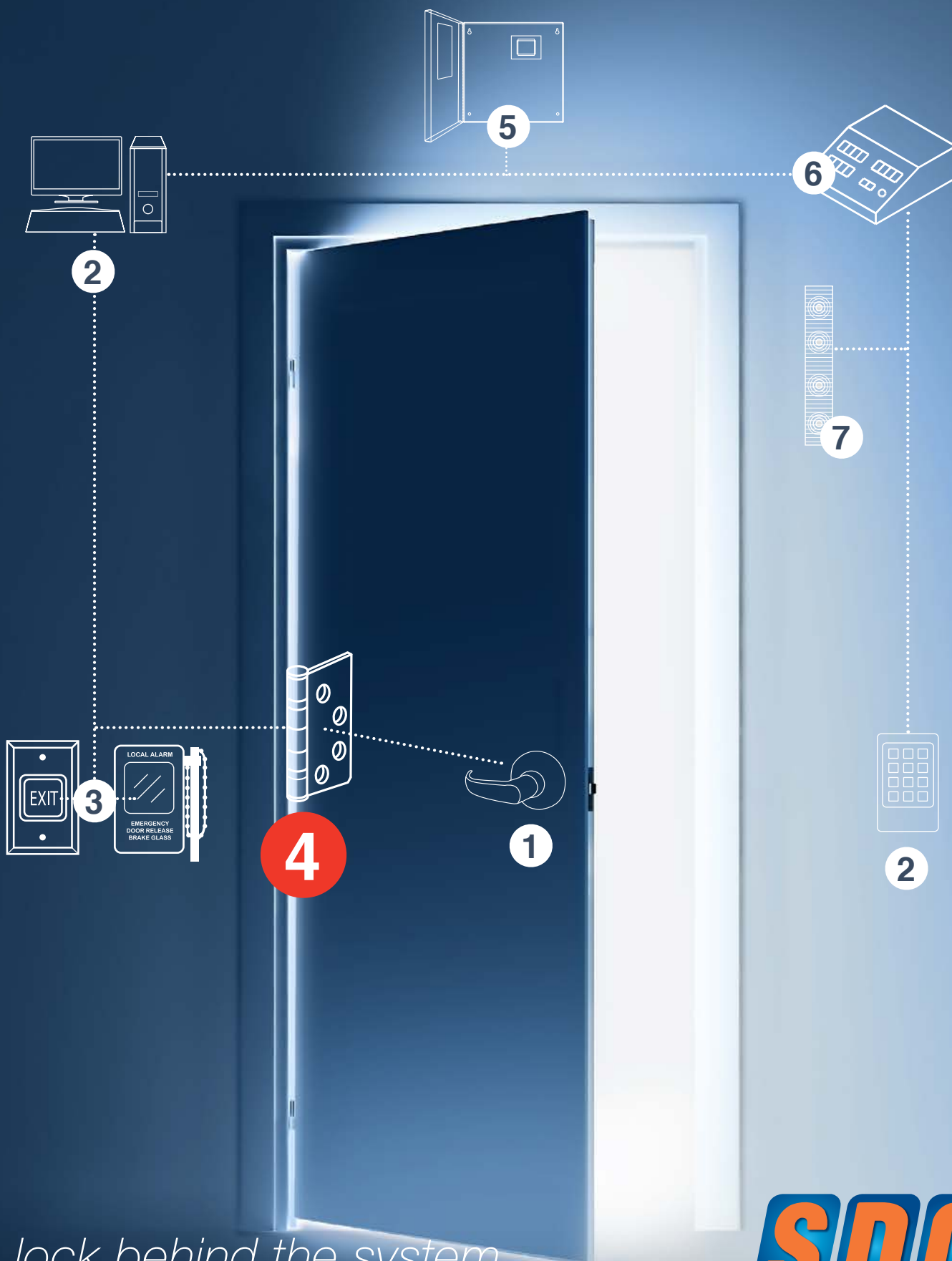


ACCESS & EGRESS SOLUTIONS

POWER TRANSFER DEVICES



The lock behind the system

SDCSecurity.com

800.413.8783

service@sdcssecurity.com

SDC
Security Door Controls

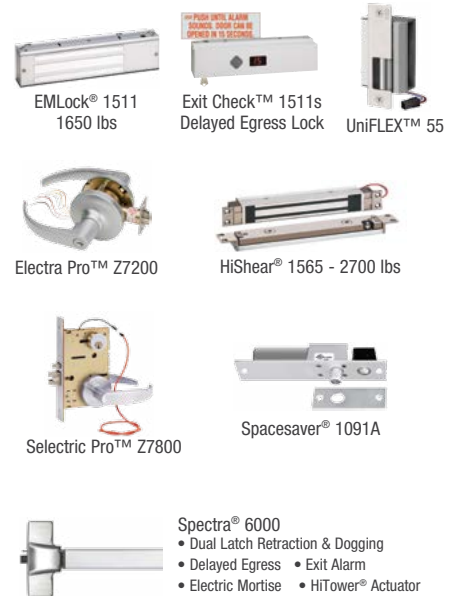
Complete Component Considerations

Standalone



1 Locking Device

- Electric Strike
- Delayed Egress Lock
- Electric Bolt Lock
- Electrified Lockset
- Exit Device
- Frame Actuator Lockset
- Magnetic Lock



2 Access Control

Standalone or Network

- Keyswitch
- Digital Keypad
- Card Reader



3 Egress Device

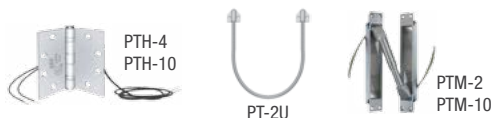
- Exit Switch
- PIR Egress Sensor
- Exit Sense Bar
- Emergency Door Release
- ADA Compliant Solutions



4 Power Transfer Devices

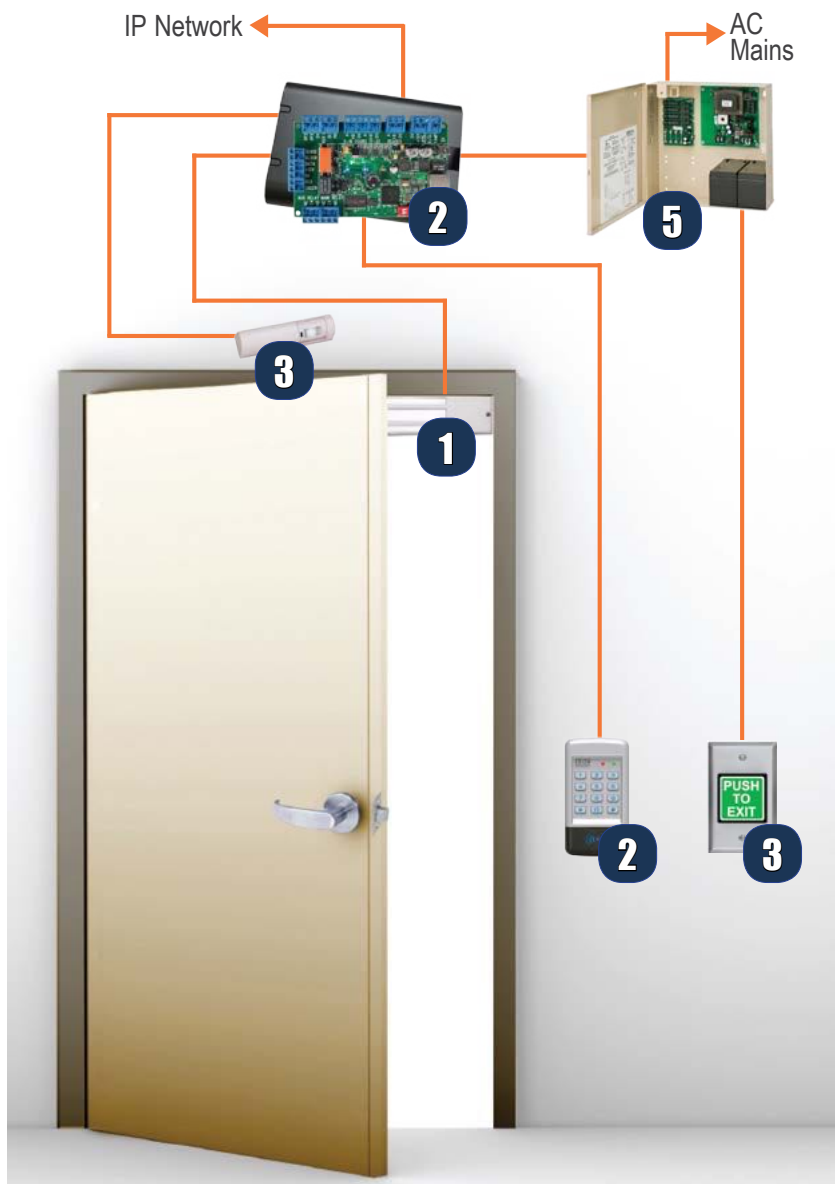
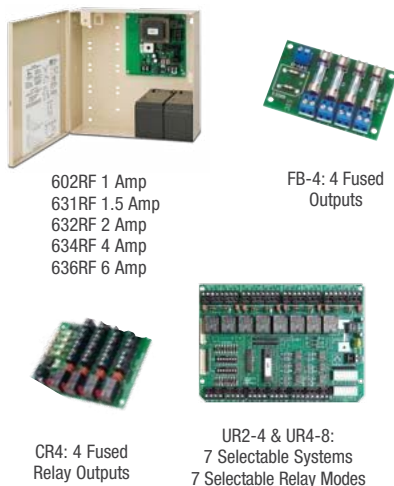
Required With Locksets & Exit Devices

- Electric Power Hinge
- Power Transfer Loop
- Concealed Power Transfer



5 Power Supply & Door Controller

- 12/24VDC, Class 2
- Fire release input
- System Status LED's
- Multiple Fused Outputs
- Multiple Relay Configurations
- Universal Programmable Controllers



6 Remote Controls



7 Annunciators



8 Accessories & Misc

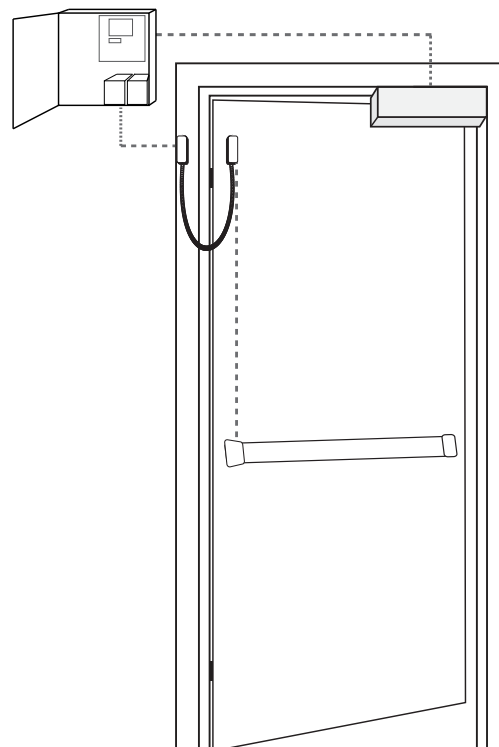
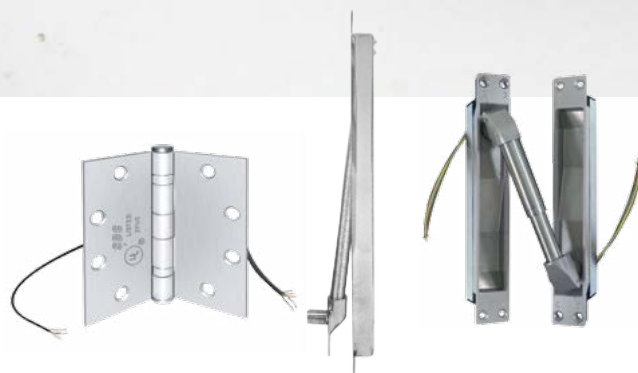
- Magnetic Door Holder Release Device



Power Transfer Devices

From frame to door, SDC's power transfer devices provide secure, concealed or vandal-resistant means to transfer power and monitoring signals to doors equipped with electric locks and devices. SDC offers a range of proven power transfer devices including concealed mortise devices, wired door transfer hinges and mortise power transfer devices – all UL listed for 3 Hr Fire Rated Doors.

- **PTH** - Power Transfer Hinge with 4, 6 or 10 Wires
- **PTM** - Concealed Heavy Duty Power Transfer with 2 or 10 Wires
- **PT-5** - Concealed Mortise Mounted to Transfer Loop
- **PT-2 & PT-3** - Surface Mounted Power Transfer Loops



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

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

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





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

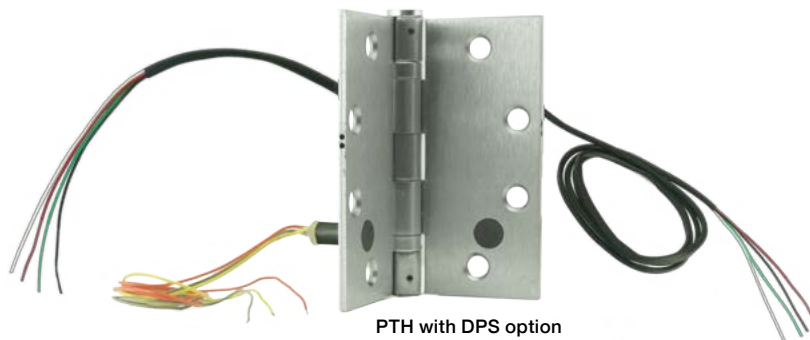
- PTH-4** Four (4) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (4x) 26 AWG
- PTH-10** Ten (10) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (10x) 28 AWG
- PTH-2+4** **16 Amp Inrush**, 6 Conductor Power Transfer Hinge: 1-pair 16 Amp Inrush, 4 Amp Continuous; 2-Pair 1 Amp @ 12/24V,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



PTH with DPS option

PTM

Electric Power Transfer Device



SDC's heavy duty **Electric Power Transfer Device** provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. Completely concealed when the door is closed the PTM Electric Power Transfer Device is ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.

FEATURES

- Power control input for electric locks and exit devices, locked, latched, mantrap, forced entry, open status signal wiring
- Mortise door and frame installation. The PTM is completely concealed when the door is closed.
- All metal design with stainless steel tubular wire transfer and heavy cast housing with steel back boxes provide weather and tamper resistance when door is open or closed.
- Fasteners for wood, steel and aluminum doors and frames included
- UL Listed Miscellaneous Fire Door Accessories:
 - UL 10C Listed for up to 3 Hr Fire Rated doors and frames
 - Classified according to Uniform Building Code (UBC) Standard 7-2, "Fire Test of Door Assemblies" (1997)

MODELS

- PTM-2AL** Two Conductor Power Transfer Device, US28 Equivalent, Aluminum Powder Coat
- PTM-2BZ** Two Conductor Power Transfer Device, US10B Equivalent, Aluminum Powder Coat
- PTM-10AL** Ten Conductor Power Transfer Device, US28 Equivalent, Dark Brown Powder Coat
- PTM-10BZ** Ten Conductor Power Transfer Device, US10B Equivalent, Dark Brown Powder Coat

SPECIFICATIONS

Wiring Construction	2- Conductor Models (PTM-2AL, PTM-2BZ)
	Two (2) 18 gauge Wires
Voltage	10 Conductor Models (PTM-10AL, PTM-10BZ)
	Ten (10) 24 gauge Wires
Weight	2- Conductor Models (PTM-2AL, PTM-2BZ)
	5 Amp @ 12/24 V AC/DC
	10 Conductor Models (PTM-10AL, PTM-10BZ)
	1 Amp @ 12/24 V AC/DC



MANUFACTURER CROSS REFERENCE		
SDC*	Von Duprin*	Securitron*
PTM-2	EPT2	CEPT-2
PTM-10	EPT10	CEPT-10

* Brand names are trademarks or registered trademarks of their respective companies.

PT5

Mortise Mount Power Transfer Loop

Concealed Mortise Mount Power Transfer Loops provide a means of running wires from the frame to doors equipped with electric locks and exit devices.



FEATURES

- SDC Heavy Duty Power Transfer Device
- Concealed Mortise Mount
- UL Listed Miscellaneous Fire Door Accessory, UL 10C Positive Pressure Compliant and UBC 7-2 Fire Test for Door Assemblies Compliant



APPLICATION

Recommended for Use with Hollow Metal and Aluminum Frames.



MODELS



PT-5 Concealed Mortise Mount Power Transfer Loop



SPECIFICATIONS

Dust Box

Frame mortised steel dust box with flexible steel loop (0.35 I.D.) and chrome finish. Recommended for use with hollow metal frames

Dimensions

11.5"H x 1"W x 0.75"D

Weight

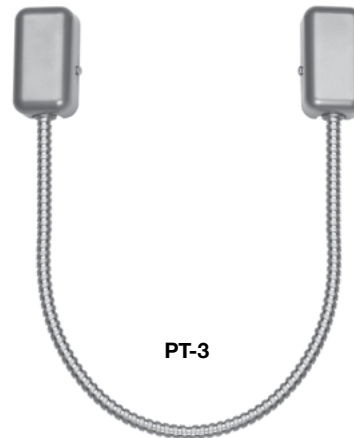
0.6 lbs



PT2 / PT3

Power Transfer Loops

Surface Mount Power Transfer Loops provide a means of running wires from the frame to doors equipped with electric locks and exit devices.



FEATURES

- Stainless Steel Armored Flex Conduit with End Caps or Termination Box. Recommended for Use with Hollow Metal and Aluminum Frames.

APPLICATION

Recommended for Use with Hollow Metal and Aluminum Frames.

MODELS

- PT-2U** Power Transfer Loop with Black End Caps
- PT-3V** Power Transfer Loop with Aluminum Wire Termination Box

SPECIFICATIONS

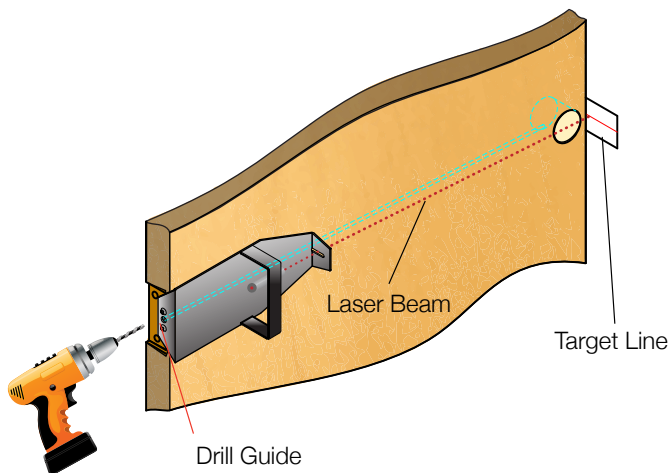
Construction	Stainless Steel
End Caps	PT-2 Plastic; PT-3 Aluminum Box
Length of Conduit	18", 1/4" I.D.
Weight	0.6 lbs





ACCESSORIES

LASER GUIDED DRILL FIXTURE KIT



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
- Weight 10.0 lbs



FEATURES

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

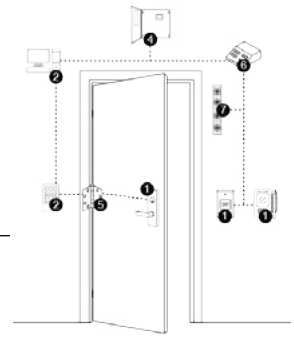
3/8" x 4 Ft. Drill Bit Replacement



Extra Long 1 Ft. Flute



SDC Door Check List



JOB NAME: _____

DOOR IDENTIFICATION: (EXTERIOR _____) (INTERIOR _____)

DOOR LOCATION OR NUMBER _____

SINGLE DOOR HANDING: RH ___ LH ___ RHR ___ LHR ___

DOUBLE DOORS HANDING: RH ___ LH ___ RHR ___ LHR ___

TYPE OF DOOR: HOLLOW METAL ___: ALUMINUM & GLASS ___: HERCULITE (TOP & BOTTOM RAILS) ___

HERCULITE (BOTTOM RAIL ONLY) ___: HERCULITE (PIVOT & LOCK PATCH FITTINGS) _____

DOES DOOR HAVE AN "EXIT" SIGN ABOVE IT ___ YES ___ NO

DOOR SIZE: W _____ X H _____ + DOOR THICKNESS _____ + LOCK HEIGHT _____ + LOCK BACKSET _____

HINGE TYPE _____ + **HINGE SIZE** _____ + **HINGE FINISH** _____

EXISTING LOCK TYPE & BRAND _____ + **FINISH** _____

DOOR CLOSER: SURFACE MOUNT: INSIDE ___ OR OUTSIDE ___: CLOSER MANUFACTURE _____

DOOR CLOSER: IN THE HEADER ___: HOLD OPEN FEATURE YES ___ NO ___: DEGREE OF OPENING _____

AUTOMATIC DOOR OPERATOR: MANUFACTURE & MODEL# _____

AUTOMATIC DOOR OPERATOR PUSH PLATE SWITCHES: HARD WIRED _____ OR WIRELESS _____

WHAT KIND OF CEILING _____ (PLASTER, DRYWALL, LIFT OUT, PANELS OR PUZZLE)

HOW HIGH IS THE CEILING _____

WHAT KIND OF HEADER _____ (NONE, WOOD, STEEL, ALUMINUM, GLASS)

WHAT TYPE OF TRAFFIC: LIGHT ___ MEDIUM ___ HEAVY ___

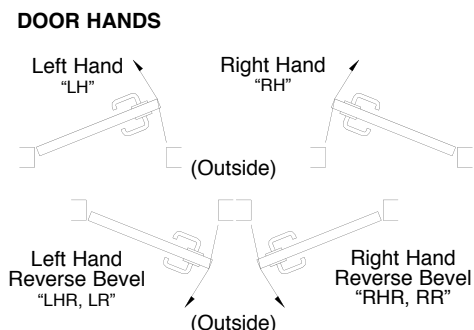
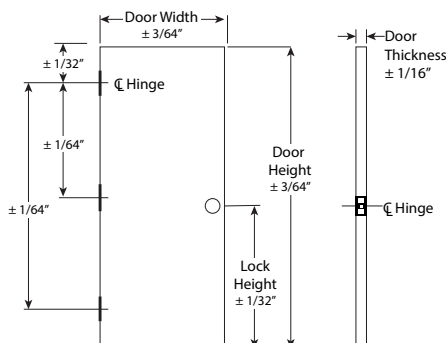
PICTURES TAKEN OF DOOR: YES ___ OR NO ___

MEASUREMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASUREMENT FROM DOOR TO POWER SUPPLY: _____

WIRE GAGE _____: **WIRE TYPE** _____: **AMOUNT OF WIRES** _____: **EXTRA WIRES** _____

VOLTAGE AT DOOR: _____: **VOLTAGE AT POWER SUPPLY** _____: **CURRENT AT DOOR** _____



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Made in the USA



UL Listed



Grade 1



CE Listed



Weather Resistant



Available through
shipQUICK Inventory



Lifetime Warranty



3 Year Warranty



5 Year Warranty



Field Selectable



ADA Compliant



Power over Ethernet
Capable Locking Hardware

NOTES

800-413-8783 SERVICE

PUSH UNTIL ALARM
SOUNDS. DOOR CAN BE
OPENED IN 15 SECONDS.

