

S6000 & N6000 Spectra™ Exit Devices

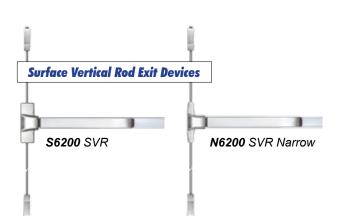
Spectra Class - Specification Grade Exit Devices for superior Architectural Style & Performance

The new mechanical SDC S6000 & N6000 Spectra™ series panic and fire rated exit devices are available in rim mount, mortise, concealed and surface vertical rod configurations. Spectra Class mechanical exit devices are UL listed and ANSI A156.3 Grade 1 compliant and comply with all national and state building and fire life safety codes. The SDC Spectra series exit devices have a modern look and quiet push pad operation and area available in rim mount, mortise and vertical rod configurations.



Rim Mount Exit Devices



















- · Panic and fire exit hardware
- ANSI/BHMA A156.3-2001 Grade 1 Compliant
- CA Title 19 Compliant
- · Meets/Exceeds ADA requirements
- UBC 97, Standard 7.2

Patents Pending

- Panic & Fire Exit Hardware
- ANSI/BHMA A156.3 Grade 1

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S6000 Spectra™ Exit Device Standard Series



S6300

Rim Mount Exit Devices

Application

For use on single doors or pair of doors with mullion

- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4".
- · RHR or LHR hollow metal, wood and mineral core doors.
- Minimum Stile Width: 4 1/2"(114 mm)

Specifications

Head Cover:

Zinc alloy or stainless steel

Chassis: Steel, plated

Housing: Extruded aluminum

Push Bar Base: Extruded aluminum

Touch Plate: Stainless steel **End Cap:** Zinc alloy

Latch Bolt: Stainless steel, 3/4"(19mm) throw

Latch: Deadlocking, Stainless steel,

5/8"(16mm) throw

Strike: Stainless steel **Hand:** Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or non-

reinforced metal doors

Dogging: Allen-type key furnished Finish: Seven popular finishes Outside Trims: Order separately

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware.

Mortise Exit Device

Application

For use on single doors or active leaf of double doors

- 1-3/4"(44 mm) door thickness standard.
 Specify thickness other than 1-3/4".
- RHR or LHR hollow metal, wood and mineral core doors.



Lock Case :

Steel plated 6 1/16" x 3 15/16" x 29/32"

(154mm x 100mm x 23mm)

Anti-friction Latchbolt: 3/4"(19mm) throw **Hand**: Reversible without removing the lock

from the door

Auxiliary Deadlocking Bolt :

Non-handed, stainless steel

Faceplate:

Adjustable, 19/32" stainless steel or brass.

Strike: ANSI 4 7/8"

Device Spcifications

Device Head Cover:

Zinc alloy or stainless steel

Chassis: Steel, plated

Housing: Extruded aluminum

Push Bar Base: Extruded aluminum

Touch Plate: Stainless steel

End Cap: Zinc alloy Hand: Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or non-

reinforced metal doors

Dogging: Allen-type key furnished **Finish:** Seven popular finishes **Outside Trims:** Order separately

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware.





Surface Vetical Rod Exit Devices*

Application

- · For use on single doors or pair of doors
- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4"
- · RHR or LHR hollow metal, wood and mineral core doors
- Minimum Stile Width: 3 1/2" (89 mm)

Specifications

Device Head Cover: Zinc alloy or stainless steel **Chassis:** Steel, plated

Mechanism Housing: Extruded aluminum

Push Bar Base: Extruded aluminum

Touch Plate: Stainless steel End Cap: Stainless steel

Top Latch: Stainless steel 37/64" (14.8mm)

Top Strike: Included

Bottom Latch: Stainless steel 37/64" (14.8mm)

Bottom Strike: Included

Latch Case Covers:

Steel, stainless steel or brass **Vertical Rods:** Aluminum tube

Hand: Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or un-

reinforced metal doors

Dogging: Allen-type key furnished Finish: Seven popular finishes Outside Trim: Order separately Standard height: For 7'0" doors

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware



Concealed Vertical Rod Exit Devices*

Application

For use on single doors or pair of doors

- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4"
- RHR or LHR hollow metal doors
- Minimum Stile Width: 3 1/2"(89 mm)

Specifications

Head Cover: Stainless steel Chassis: Steel, plated Housing: Extruded aluminum Base: Extruded Aluminum Touch Plate: Stainless steel

End Cap: Zinc alloy

Top Latch: Stainless steel 37/64" (14.8mm)

Top Strike: Included

Bottom Latch: Stainless steel 37/64" (14.8mm)

Bottom Strike: Included

Top & bottom Latch Case: Steel, plated

Vertical Rods: Aluminum tube

Hand: Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or un-

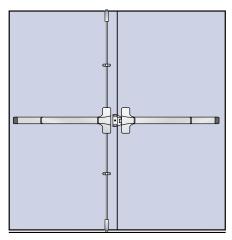
reinforced metal doors

Dogging: Allen-type key furnished Finish: Seven popular finishes Outside Trim: Order separately. Standard height: For 7'0" doors

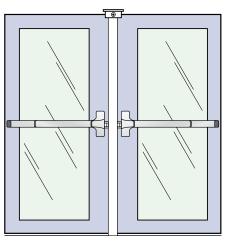
UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware



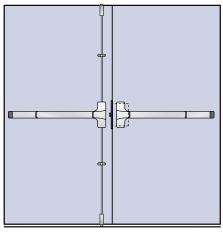
DOUBLE DOOR APPLICATIONS - S6000 Standard Series



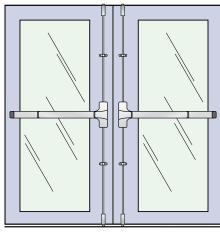
Rim Device and SVR or CVR Device combination - same direction. overlapping astragal is not required, but coordinator required with a double door strike



Two Rim Devices on 2 independent active doors with removable mullion.

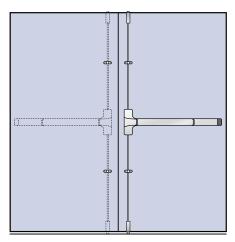


Mortise Lock Device & SVR Device combination - same direction. Overlapping astragal is not required, but coordinator required with a standard ANSI strike.

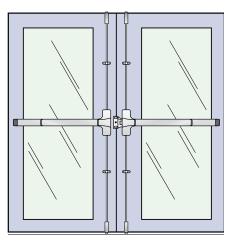


Two Surface Vertical Rod (SVR) or Concealed Vertical Rod (CVR) - same direction.

Overlapping astragal is not required.



Two Surface Vertical Rod (SVR) or Concealed Vertical Rod (CVR) Devices - double egress. Overlapping astragal required or not required, option.



SVR and Three-Latching Device combination - same direction. Overlapping astragal is not required, but coordinator required with a double door strike.

How to Specify S6000

Model

Spectra Series Exit Device

S61 Rim mount

\$62 Surface vertical rod

S63 Mortise

\$68 Concealed vertical rod for metal doors

ANSI Functions

01 Exit only, No Trim

02 Dummy pull or lever (opens when dogged)

03 Lever or pull, key latch retraction

08 Lever with key locks/unlocks lever

14 Lever trim always active

Panic or Fire Rated

P Panic Exit Device

F Fire Exit Device

P - Mechanical dogging STD;

(Add part # CD for optional key cylinder dogging)

F - Mechanical dogging not available

Handing

RR Right hand reverse bevel, RHRB

LR Left hand reverse bevel, LHRB

Finish

Headcover, touchpad and endcap

U 630 Dull Stainless Steel standard

605 Bright Brass H 613 Oil Rubbed Bronze 606 Dull Brass Р 625 Bright Chrome

612 Dull Bronze Q 626 Dull Chrome

Length

36 For 36" Door 42 For 42" Door 48 For 48" Door

Options

R Request-To-Exit Output, SPDT

L Latch Status Output, SPDT

Mechanical Trim







EK Eclipse

GK Galaxv

SP Saturn

Trim

Dummy Trim: EK02, GK02, SP02

Key Retracts Latchbolt: EK03, GK03, SP03 Key Locks/Unlocks Lever: EK08, GK08 No Cylinder Lever Always Active: EK14, GK14

Finish

U 630 Dull Stainless Steel standard

C 605 Bright Brass G 612 Dull Bronze P 625 Bright Chrome D 606 Dull Brass H 613 Oil Rubbed Bronze Q 626 Dull Chrome

Options

• 1 key cylinder required for 03 and 08 functions

• 1 key cylinder required for CD option

Keyed dogging. Specify key cylinder separately.

Not available with (F) fire exit device.

CYL-6KDQ 6 pin, 1.125" mortise cylinder, keyed different, dull chrome CYL-6KAQ 6 pin, 1.125" mortise cylinder, keyed alike, dull chrome

RIM-CYL-03 6 pin, rim cylinder, keyed alike, dull chrome

Electric Trim

Features

• Failsecure, field reversible to failsafe

Audible tone

· 4 ft. cable and connectors

12/24VDC @ 600/300 mA





Trim

EKE03 Eclipse style electric trim, less cylinder GKE03 Galaxy style electric trim, less cylinder

Finish

U 630 Dull Stainless Steel standard

C 605 Bright Brass G 612 Dull Bronze P 625 Bright Chrome **D** 606 Dull Brass H 613 Oil Rubbed Bronze Q 626 Dull Chrome

Options

LT Tricolor LED Indicator

LS Locked/unlocked status, SPDT 3 Amp contact

SP Retrofit spacer plate reduces door prep requirements for SDC S6000 Required for Von Duprin 99 Series and Detex V4000 Series device applications



Ordering Example

	Trim	Finish	Options
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N6000 Spectra™ Exit Device Narrow Series



Rim Mount Exit Devices

Application

For use on single doors or pair of doors with mullion

- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4".
- · RHR or LHR hollow metal, wood and mineral core doors.
- Minimum Stile Width: 3 1/2"(89 mm)

Specifications

Head Cover:

Zinc alloy or stainless steel

Chassis: Steel, plated

Housing: Extruded aluminum

Push Bar Base: Extruded aluminum

Touch Plate: Stainless steel

End Cap: Zinc alloy

Latch Bolt: Stainless steel, 3/4"(19mm) throw

Latch: Deadlocking, Stainless steel,

5/8"(16mm) throw

Strike: Stainless steel **Hand:** Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or non-

reinforced metal doors

Dogging: Allen-type key furnished **Finish:** Seven popular finishes **Outside Trims:** Order separately

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware.



Surface Vetical Rod Exit Devices*

Application

- · For use on single doors or pair of doors
- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4"
- · RHR or LHR hollow metal, wood and mineral core doors
- Minimum Stile Width: 3 1/2" (89 mm)

Specifications

Device Head Cover: Zinc alloy or stainless steel Chassis: Steel, plated

Mechanism Housing: Extruded aluminum
Push Bar Base: Extruded aluminum

Touch Plate: Stainless steel End Cap: Stainless steel

Top Latch: Stainless steel 37/64" (14.8mm)

Top Strike: Included

Bottom Latch: Stainless steel 37/64" (14.8mm)

Bottom Strike: Included

Latch Case Covers:

Steel, stainless steel or brass **Vertical Rods:** Aluminum tube

Hand: Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or un-

reinforced metal doors

Dogging: Allen-type key furnished Finish: Seven popular finishes Outside Trim: Order separately Standard height: For 7'0" doors

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware





Application

For use on single doors or pair of doors

- 1-3/4"(44 mm) door thickness standard. Specify thickness other than 1-3/4"
- · RHR or LHR hollow metal doors
- Minimum Stile Width: 3 1/2"(89 mm)

Specifications

Head Cover: Stainless steel Chassis: Steel, plated Housing: Extruded aluminum Base: Extruded Aluminum Touch Plate: Stainless steel

End Cap: Zinc alloy

Top Latch: Stainless steel 37/64" (14.8mm)

Top Strike: Included

Bottom Latch: Stainless steel 37/64" (14.8mm)

Bottom Strike: Included

Top & bottom Latch Case: Steel, plated

Vertical Rods: Aluminum tube

Hand: Non-handed

Mounting: Machine screws standard. Sex bolts optional. Order "SNB" for wood or un-

reinforced metal doors

Dogging: Allen-type key furnished Finish: Seven popular finishes Outside Trim: Order separately. Standard height: For 7'0" doors

UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware



How to Specify N6000

Model



Spectra Series Exit Device

N61 Rim mount

N62 Surface vertical rod

N68 Concealed vertical rod for metal doors

ANSI Functions

01 Exit only, No Trim

02 Dummy pull or lever (opens when dogged)

03 Lever or pull, key latch retraction

08 Lever with key locks/unlocks lever

14 Lever trim always active

Panic or Fire Rated



P Panic Exit Device

F Fire Exit Device

P - Mechanical dogging STD; (Add part # CD for optional key cylinder dogging)

F - Mechanical dogging not available

Handing



RR Right hand reverse bevel, RHRB

LR Left hand reverse bevel, LHRB

Finish

Headcover, touchpad and endcap



U 630 Dull Stainless Steel standard

C 605 Bright Brass
 D 606 Dull Brass
 H 613 Oil Rubbed Bronze
 P 625 Bright Chrome
 G 612 Dull Bronze
 Q 626 Dull Chrome

Length



Options



R Request-To-Exit Output, SPDT

L Latch Status Output, SPDT

Mechanical Trim







EN Eclipse GN

GN Galaxy

NP Saturn

Trim

Dummy Trim: EK02, GK02, SP02

Key Retracts Latchbolt: EK03, GK03, SP03 Key Locks/Unlocks Lever: EK08, GK08 No Cylinder Lever Always Active: EK14, GK14

Finish

U 630 Dull Stainless Steel standard

C 605 Bright Brass
 D 606 Dull Brass
 G 612 Dull Bronze
 P 625 Bright Chrome
 Q 626 Dull Chrome

Options

• 1 key cylinder required for 03 and 08 functions

• 1 key cylinder required for CD option

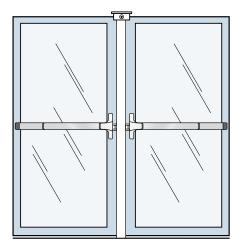
CD Keyed dogging. Specify key cylinder separately.

Not available with (F) fire exit device.

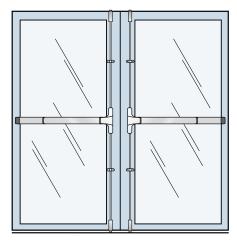
CYL-6KDQ 6 pin, 1.125" mortise cylinder, keyed different, dull chrome **CYL-6KAQ** 6 pin, 1.125" mortise cylinder, keyed alike, dull chrome

RIM-CYL-03 6 pin, rim cylinder, keyed alike, dull chrome

DOUBLE DOOR APPLICATIONS - N6000 Narrow Series

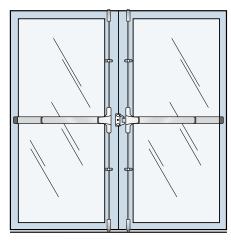


Two Rim Devices on 2 independent active doors with removable mullion.



Two Surface Vertical Rod (SVR) or Concealed Vertical Rod (CVR) - same direction.

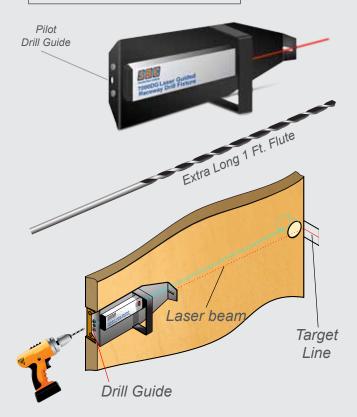
Overlapping astragal is not required.



SVR and Three-Latching Device combination - same direction. Overlapping astragal is not required, but coordinator required with a double door strike.

Tools to Use with Spectra™ Series

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

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

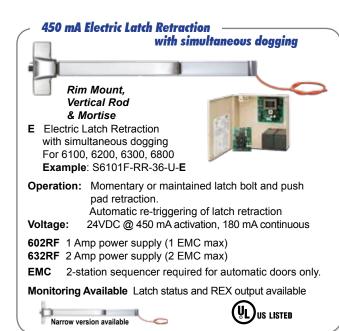
Model

 7000-DG
 Door Core Drill Guide

 7000-DB1/4
 1/4" x 4 Ft. Drill Bit

 7000-DB3/8
 3/8" x 4 Ft. Drill Bit

Spectra™ Series Options







- M Electric Mortise Exit Device Example: S6303F-LR-U-36-M x GK03U
- Field reversible failsecure/failsafe.
- · Remains latched when unlocked for fire door integrity
- Failsafe (F) fire rated device for stairwell doors
- Power loss or signal from fire command center releases failsafe device immediately

Voltage 600/300 mA @ 12/24VDC

Monitoring Available



US LISTED





G Electric Dogging (failsecure) 6100, 6200, 6300, 6800 Example: S6103P-LR-U-36-G x SP03U

When energized by optional built-in or remote switch manual, depressing the pushpad, causes the pushpad and latch to remain retraced (unlocked) providing push-pull door operation. When de-enegrized or signaled by a fire alarm, the pushpad and latch are released.

Voltage 170/100 mA @ 12/24VDC

Monitoring Available Latch status and REX output available



A Exit Alarm, 9V battery powered

B Exit Alarm, 12-24V AC/DC input, 9V battery backup For 6100, 6200, 6300, 6800 **Example**: S6801P-LR-U-36-**A**

- 100 dB alarm; visual and audible On/Off status: Armed - green LED blinks every 4 seconds, Alarm mode - red LED, Bypass - no LED
- · Remote status output
- · 15 or 60 second arming delay
- 2 modes: Continuous alarm with manual key reset; Automatic re-arm 2 minutes after door closes with any manual key reset before 2 minutes.

US LISTED ADA

US LISTED

Options

- Push pad sign
- 6, 10 & 20 minutes alarm; 1 or 5 second re-arm delay
- Remote access control, arm, disarm inputs
- · REX and latch status outputs

Delayed Egress



DE Wall mount delayed egress controller with keypad and electrified exit device, 6100, 6200, 6300, 6800

Example: S6101F-R-U-36-DE x GK03U

KDE Keypad controller with redundant key switch capable of all keypad control features

602RF 1 Amp power supply

- User PIN codes may be assigned to 1, 2 or all control functions.
 Reset, sustained bypass and momentary bypass (RES)
- Audible alarm voice release time, warning or safety message
- Visual display countdown, locked/unlocked, egress executed
- 15 or 30 second exit delay, 1 or 2 second nuisance delay

Monitoring Available Latch status available

Electric Frame Actuator



Hitower Pro Frame Actuator Controlled Fire Exit Device

Features include failsafe operation and unlocks by access control, power loss or signal from fire command center. Door stays latched even when unlocked. All wiring is maintained in the strike jamb. Complies with national building and fire codes

Specify Handing and Voltage: 24VDC, 24VAC, 115VAC

Monitoring Available

STRIKES

(SCREWS INCLUDED)

RIM DEVICES USE

Rim Strikes



ST1P

Standard for S6100P

Projection: 13/16" (21mm)



ST1F

Standard for S6100F

Optional for

application

mullion

Projection: 13/16" (21mm)

Optional Mullion Strike



ST1MP For 6100P

0

ST1MF For 6100F

Projection: 7/8" (22.5mm)

MORTISE DEVICES USE

ST3P

Mortise Strikes



ST3F

For use on 1-3/4" standard or 2-1/4" thick single door , and 2-1/4" double door with overlapping astragal and coordinator

ST3P Standard for S6300P

ST3F Standard for S6300F

SURFACE / CONCEALED VERTICAL ROD DEVICES USE

Top Strikes



ST2P

Standard top strike for S6200P

Projection: 29/32" (23mm)



ST2F

Standard top strike for S6200F

Projection: 1-1/8" (29mm)



ST8P

Standard top strike for S6800P



ST8F

Standard top strike for S6800F

Mortise: 3/4" (19mm)

Bottom Strikes

(Floor Strikes)



ST28P

Standard floor strike for \$6200P \$6800P



ST28F

Standard floor strike for S6200F S6800F

Mortise: 2-1/4" (21mm)

Optional Threshold Strikes



ST28T

Optional floor strike for using threshold openings

Projection: 6/16" (9.5mm)

OPTIONAL DOUBLE DOOR STRIKE



ST2DF

Optional for pairs of doors with rim mount device.

Projection: 1-15/16" (33mm)

REMOVABLE MULLION



MULLION

The removable Mullion is used with two Rim Devices on double doors.

Concealed Electric Power Transfer

PTM Heavy Duty Series 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.



2 Conductor: Two (2) 18 Ga. wires, 5 Amp @ 12/24 V AC/DC

PTM-2AL Aluminum Powder Coat, US28 equivalent
PTM-2BZ Dark Brown Powder Coat, US10B equivalent

10 Conductor: Ten (10) 24 Ga. wires, 1 Amp @ 12/24V AC/DC

PTM-10AL Aluminum Powder Coat, US28 equivalentPTM-10BZ Dark Brown Powder Coat, US10B equivalent

Fire Rated Concealed Mortise Power Transfer

PT-5 Concealed Mortise Mount Power Transfer Loop

Frame mortised steel dust box with flexible steel loop and chrome finish. Recommended for use with hollow metal frames. UL Listed

Dimensions: 11.5"H x 1"W x 0.75"D (292 x 25.4 x 19mm)



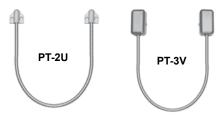
10B Listed For 3 Hrs Fire Rated Doors



Power Transfer Loops

18" (447mm) stainless steel armored flex conduit with small plastic end caps or termination box. Recommended for use with hollow metal and aluminum frames.

PT-2U With end caps
PT-3V With aluminum wire termination box



Power Transfer Hinge



10B Listed for 3hr Fire Rated Door

Features

- UL10B Listed for 3 Hr Fire Doors. If the hinge you are presently using does not bear the F mark, it is not listed for use with fire doors.
- 500,000 cycles. 5 times UL test criteria
- Wire Replacement Warranty
- · 5ft wire cable

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

PTH-4 Four conductor hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" five knuckle standard weight

PTH-10 Ten conductor hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" standard weight

Consult factory for 3 knuckle, or special sizes

Finish

All base material steel

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

Options

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

