# SECTION Q

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### Hubbell SystemOne Recessed FRPTs

Hubbell's SystemOne Recessed Fire-Rated Poke-Throughs (FRPT) enhance functionality providing increased power, data and AV capacity. Safety is improved with recessed connectivity, a low profile flange, and egress doors that hinge inwards. Building value is enhanced with plated finishes to match and blend with modern building décor.

### 10 Inch Concrete Core Hole Applications...



**High Capacity Multimedia Applications** Sub-plate layout for the center four gangs of the ten inch FRPT allows for maximum AV capacity. The NEMA spacing plate allows the product flexibility to easily accept 3rd party products.



**Sub-Plates Offer Application Flexibility** Perimeter sub-plates for the ten inch FRPT help compliment the AV or data in the center four gangs. Additionally these plates can be exchanged for other low voltage compatible plates.

10 Inch Recessed Access



Center Sub-Plates with Perimeter Sub-plates

### 8 Inch Concrete Core Hole Applications...



**High Capacity Multimedia Applications** Sub-plate layout for the center three gangs of the eight inch FRPT allows for maximum AV capacity. The NEMA spacing allows the product flexibility to easily accept 3rd party products.



Sub-Plates Offer Application Flexibility Perimeter sub-plates for the eight inch FRPT help compliment the AV or data in the center three gangs. Additionally these plates can be exchange for other low voltage compatible plates.

8 Inch Recessed Access



Center Sub-Plates with Perimeter Sub-plates

### Hubbell SystemOne Recessed FRPTs

Hubbell's SystemOne Recessed Fire-Rated Poke-Throughs (FRPT) enhance functionality by providing increased power, data and AV capacity. Safety is improved with recessed connectivity, a low profile flange, and egress doors that hinge inwards. Building value is enhanced with plated finishes to match and blend with modern building décor.

### 6 Inch Concrete Core Hole Applications...



**60/40 6 Inch Sub-Plate Split** An Industry first, the 60/40 sub-plate layout allows for unmatched capacity with up to 12 keystone jacks and one 20A duplex.



**50/50 6 Inch Sub-Plate Split** Two duplexes with ample AV and data are achieved by using the 50/50 sub-plate layout. Additionally this layout will accommodate two Style Line<sup>®</sup> devices for GFCI, surge, etc. applications.

#### 6 Inch Recessed Access



Sub-Plates

50/5 Sub

50/50 split Sub-Plates

### 4 Inch Concrete Core Hole Applications...



**4 Inch Quad Sub-Plate** The pre-wired quad sub-plate can be wired as one circuit or two and includes 12 inch of stranded wire.



4 Inch 2X2 Sub-Plate The 2x2 sub-plates are available with Style Line<sup>®</sup> or traditional duplex openings and can accommodate up to two keystone jacks.

4 Inch Recessed Access



Quad Sub-Plate

Multi & Single Service Sub-Plates

How to Order 10, 8, 6 and 4 Inch SystemOne Products

### STEP 1: Select Recessed Access Poke-Through

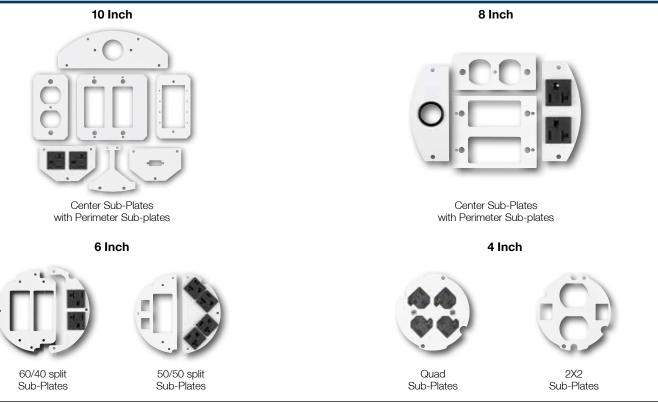


#### **Or Select Furniture Feed Poke-Through**





#### **STEP 2: Select Recessed Access Sub-Plate**



Note: Furniture feed version does not require sub-plates.

Complies with UL514A



#### How to Order 10, 8, 6 and 4 Inch SystemOne Products

#### STEP 3: Select Recessed Cover (Aluminum Cover Shown, see Below for All the Finishes Available)



Note: Tamper-Resistant 10 inch covers are also available.

### Or Select Furniture Feed Cover (Aluminum Cover Shown, see Below for All the Finishes Available) 10 Inch 6 Inch





#### **All Cover Finishes Shown Below**

Brushed	Brushed	Antique Bronze	Black	Gray	Satin
Aluminum	Brass Plated	Plated	Powder Coat	Powder Coat	Nickel Plated
	PROPER SEALS				

#### **Recommended Fire-Rated Poke-Through Size Chart**

To avoid over or under utilizing the capacity of the fire-rated poke-through, first determine how many gangs of power, data and AV are required for the application. The matrix below will guide you to the correct poke-through size.

		Recommended Fire-Rated Poke-Through Size							
	5	8"	10"	10"	10"				
POWER GANGS	4	8"	8"	10"	10"	10"			
GA	3	6"	8"	8"	10"	10"	10"		
/ER	2	6"	6"	8"	8"	10"	10"		
NO V	1	4"	6"	6"	8"	8"	10"		
	0	—	4"	6"	8"	8"	8"		
		0	1	2	3	4	5		
		DATA AND AV GANGS							

Exceeds capacity of Hubbell recessed poke-throughs

**Example:** 2-gangs of power, 1-gang of AV and 1-gang of data is required. Find the intersection for 2 power gangs with 2 data/AV gangs. The highlighted intersection defines the recommended FRPT.

#### **Features and Benefits**

#### SystemOne Recessed 10 Inch Fire-Rated Poke-Through Fittings

- The most dynamic FRPT system with the largest capacity available to meet all multimedia applications where power and voice/data are required
- Maintains concrete floor fire rating up to two hours
- Tamper-resistant recessed covers available
- Furniture feed cover available with (2) generous 2 inch NPT low voltage hubs and (2) 1 inch NPT power hubs
- Features ScrubShield<sup>®</sup> technology that exceeds UL514A scrub water exclusion requirements



Complies with UL514A

**S1R10PTFIT** with Accessories



#### FRPT Design

- Step down installation
- Flexible single or multi-service
- Recessed connections



#### Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Available as recessed or furniture feed

- Tamper-resistant recessed covers available
- Available in six architectural finishes



#### **FRPT** Chambers

- 4 inch deep access chamber
- 4.43 inch deep center device chamber
- Dividers to make up to 8 individual services
- Perimeter to perimeter wiring tunnel



#### Easy Mount Device Plates

- Multiple, open architecture mounting plates for power, data and AV
- 4 center gangs
- 2 full or 4 half independent perimeter gangs



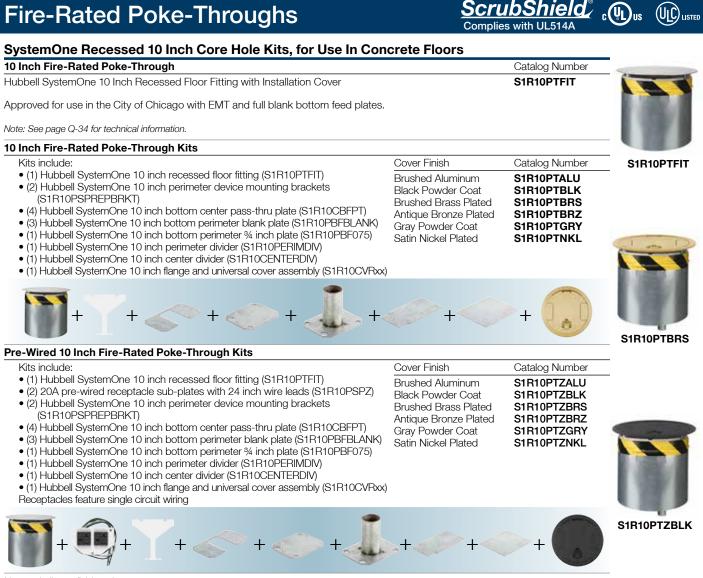
#### Safety

- Low profile flange, 0.16 inch exceeds ADA requirements
- Two hide-away egress doors fold under cover while in use
- 180° opening of main door



#### **Bottom Feed Plates**

- 9 center chamber and 6 perimeter adaptable feed plates
- Center chamber ranges from 1/2" to 2-1/2"
- Perimeter ranges from 1/2" to 1-11/4"



Note: xx indicates finish options.

#### **Recessed 10 Inch Covers**

The 10 inch FRPT cover assembly unit includes solid cast aluminum construction and mounting hardware. Covers are recessed and available in a number of durable, yet beautiful finishes to match any décor. The flange height of 0.16 inch exceeds ADA requirement and suitable for use on any floor finish. All covers are UL514A, scrubwater compliant.



#### 10 Inch Fire-Rated Poke-Through Covers

Finish	Recessed Cover	TR Recessed Cover*	Furniture Feed Cover**
	Catalog Number	Catalog Number	Catalog Number
Brushed Aluminum	S1R10CVRALU	S1R10CVRTRALU	S1R10FFCVRALU
Black Powder Coat	S1R10CVRBLK	S1R10CVRTRBLK	S1R10FFCVRBLK
Brushed Brass Plated	S1R10CVRBRS	S1R10CVRTRBRS	S1R10FFCVRBRS
Antique Bronze Plated	S1R10CVRBRZ	S1R10CVRTRBRZ	S1R10FFCVRBRZ
Gray Powder Coat	S1R10CVRGRY	S1R10CVRTRGRY	S1R10FFCVRGRY
Satin Nickel Plated	S1R10CVRNKL	S1R10CVRTRNKL	S1R10FFCVRNKL

Note: COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3" (76mm) dia. mandrel at the center of the cover. Rated for static loads only.

\*Tamper-resistant covers ship with (1) S1RTR10BIT Torx-T10 bit.

\*\*(2) 1" NPT plugs for power with (2) 1" to 3/4" reducers and (2) 2" NPT plugs for Low Voltage.

Complies with UL514A



### SystemOne Recessed 10 Inch Sub-Plates and Bottom Feed Plates

#### **Perimeter Plate Configurations**

- ٠ Available in pre-wired duplexes or openings to accommodate third party AV devices
- Available in full or 1/2 gang plates



#### **Perimeter Sub-Plates - Full Gang**

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(1) Style Line <sup>®</sup> decorator opening <b>S1R10PSPD</b>		(1) Duplex opening <b>S1R10PSPI</b>		(1) 1.40" opening for simplex or 15A Twist-Lock <sup>®</sup> <b>S1R10PSPJ</b>	
(4) Extron <sup>®</sup> MAPP openings S1R10PSPC		(2) Extron <sup>®</sup> AAP openings <b>S1R10PSPA</b>		(1) 1.60" opening for 20A & 30A Twist-Lock <sup>®</sup> <b>S1R10PSPG</b>	

#### Perimeter Sub-Plates - 1/2 Gang\*

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(2) 20A pre-wired receptacles; 24" lead; one circuit (Supplied with isolated ground sticker) S1R10PSPZ		(2) 20A pre-wired receptacles; 25 foot lead; one circuit (Supplied with isolated ground sticker) S1R10PSPZ25	O	(2) 20A pre-wired receptacles; 24" lead; one circuit (Supplied with isolated ground sticker). Marked with "O Controlled" <b>S1R10PSPZC</b>		(2) 20A pre-wired receptacles; 25 foot lead; one circuit (Supplied with isolated ground sticker). Marked with "D Controlled" S1R10PSPZ25C	
Blank cover plate		(1) Unit Hubbell iSTATION opening		(1) VGA/HDMI/DP opening		(1) XLR opening	
S1R10PSPB		S1R10PSPF		S1R10PSPH		S1R10PSPO	
(2) Extron <sup>®</sup> MAPP openings			Y	Perimeter device bracket.			
S1R10PSPV				S1R10PSPREPBR	кт		

#### S1R10PSPV

Note: Rectangle sub-plates are for center compartment, crescent sub-plates are for perimeter compartments and are not interchangeable. \*Requires S1R10PSPREPBRKT.

See page Q-7 for covers, Q-8 for bottom feed plates and Q-10 for accessories.

10 Inch Bottom Feed Plates			-		
1-Gang Center Bottom Feed Plates	Catalog Number				1
1/2 inch EMT Feed 94 inch EMT Feed 1 inch EMT Feed 11/4 inch EMT Feed Blank Pass Thru	S1R10CBF050 S1R10CBF075 S1R10CBF100 S1R10CBF125 S1R10CBFBLANK S1R10CBFPT**	S1R10CBF050	S1R10CBF075	S1R10CBF125	S1R10CBI
2-Gang Center Bottom Feed Plates					
1½ inch EMT Feed 2 inch EMT Feed 2½ inch EMT Feed	S1R10CBF150 S1R10CBF200 S1R10CBF250*				DEGEO
Perimeter Bottom Feed Plates		– S1R10CBF150	S1R10CBF2	200 51R100	BF250*
<sup>1</sup> ⁄ <sub>2</sub> inch EMT Feed <sup>3</sup> ⁄ <sub>4</sub> inch EMT Feed <sup>1</sup> inch EMT Feed <sup>1</sup> ⁄ <sub>4</sub> inch EMT Feed Blank Pass Thru	S1R10PBF050 S1R10PBF075 S1R10PBF100 S1R10PBF125 S1R10PBFBLANK S1R10PBFPT**	-	-		
Note: *Data/AV wiring only. **Not approved for use in the City of Chi See page Q-34 for technical information.		S1R10PBF050	S1R10PBF100	S1R10PBFBLANK	S1R10P

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### SystemOne Recessed 10 Inch Sub-Plates

#### **Center Plate Configurations**

- 1, 2, 3 and 4 Gang Device Plates
- Accept third party AV devices (i.e. Extron, Crestron, FSR)
- Multi-gang NEMA spaced plates available

#### **Center Sub-Plates - Single Gang**



Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(1) Style Line <sup>®</sup> decorator opening	ſ	3 Unit Hubbell iSTATION opening		(1) Duplex opening	ġ	Blank cover plate	
S1R10CSPD		S1R10CSPL		S1R10CSPI		S1R10CSPB	•
(1) XLR opening		(2) XLR openings		(1) 1.40" opening for simplex or 15A Twist-Lock <sup>®</sup>		(1) 1.60" opening for 20A & 30A Twist-Lock <sup>®</sup>	Ċ
S1R10CSPX		S1R10CSP2X		S1R10CSPJ		S1R10CSPG	
(1) VGA/HDMI/DP opening		(2) VGA/HDMI/DP openings		(4) Extron® MAPP openings		Ortronics <sup>®</sup> TracJack <sup>®</sup> / Series II <sup>®</sup> opening	
S1R10CSPH		S1R10CSP2H		S1R10CSPC		S1R10CSPK	

#### **Center Sub-Plates - Two Gang**

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(2) Style Line <sup>®</sup> decorator openings NEMA spacing		Blank cover plate		(1) 2.16" opening for 30A & 50A, 3-wire, straight blade receptacle		(4) Extron <sup>®</sup> APP openings	
S1R10CSPM		S1R10CSP2B	• •	S1R10CSPE	• •	S1R10CSPU	•

#### **Center Sub-Plates - Three and Four Gang**

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(3) Style Line <sup>®</sup> decorator openings NEMA spacing		(4) Style Line <sup>®</sup> decorator openings	
S1R10CSPT		S1R10CSPP	
(4) Blank cover plate		(4) Duplex openings	
S1R10CSPQ		S1R10CSPR	

Note: Rectangle sub-plates are for center compartment, crescent sub-plates are for perimeter compartments and are not inter-changeable. See page Q-7 for covers, Q-8 for bottom feed plates and Q-10 for accessories.

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TracJack<sup>®</sup>, Series II<sup>®</sup> and Ortronics<sup>®</sup> are registered trademarks of Ortronics/Legrand. Crestron<sup>®</sup> is a registered trademark of Crestron Electronics, Inc.

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### SystemOne Recessed 10 Inch Accessories and Replacement Parts



S1R10PPT



S1R10ADMTBK



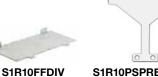
S1R10TUNNEL

#### **10 Inch Accessories**

Description	Catalog Number
Pre-pour tube, includes hardware.	S1R10PPT*
Abandonment plate, black finish.	S1R10ADMTBK
Center divider.	S1R10CENTERDIV
Perimeter divider.	S1R10PERIMDIV
Egress door brushes (1 Pair).	S1R10CVRBRUSH
Perimeter to perimeter wiring tunnel.	S1R10TUNNEL
Power junction box, 27.0 cubic inches; (1) ¾ inch and (1) 1 inch EMT connector.	S1FRPTJB
Perimeter device bracket.	S1R10PSPREPBRKT

Note: \*Not UL Listed.

S1R10CENTERDIV







S1R10PSPREPBRKT S1FRPTJB S1R10INTUMDIV

#### **10 Inch Replacement Parts**

Description	Catalog Number
Intumescent replacement divider.	S1R10INTUMDIV
Replacement furniture feed cover dividers (1 pair).	S1R10FFDIV
Replacement tamper-resistant Torx-T10 bit.	S1RTR10BIT*
Note: *Not UL Listed.	

#### Capacity, Capability and Versatility





### SystemOne Fire-Rated Poke-Through and Floor Box Recessed Covers



#### **Two Concrete Floor Applications**

Fire-Rated Poke-Throughs are used when the conduits can't be installed in the concrete floor and for tenant improvements.

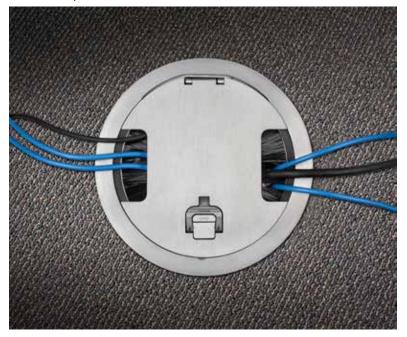


Floor boxes in concrete applications are used when the connecting conduits can be installed into the concrete floor.



### Same Results!

Round low profile durable cover with recessed connections.



#### **Features and Benefits**

#### SystemOne Recessed 8 Inch Fire-Rated Poke-Through Fittings

- Perfect for high capacity multimedia applications where power and low voltage are required
- Maintains concrete floor fire rating up to two hours
- Fitting box standard
- For use in the City of Chicago applications, fitting box is NOT included
- Features ScrubShield<sup>®</sup> technology that exceeds UL514A scrub water exclusion requirements



bShield cubus

Complies with UL514A

#### FRPT Design

- Step down installation
- Flexible single or dual service
- Recessed connections



#### Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Available in six architectural finishes



#### Chamber

- Recessed 3.5 inch deep connectivity chamber
- Large wiring compartments
- Fixed wiring chambers
- On-site exchangeable center compartment fitting
- Standard ¾-inch EMT



#### Easy Mount Device Plates

- Multiple, open architecture mounting plates for power, data and AV
- 3 center gangs
- 2 independent perimeter gangs



#### Safety

- Low profile flange, 0.15 inch exceeds ADA requirements
- Two hide-away egress doors fold under cover while in use
- 180° opening of main door



#### 8 Inch Sub-Plate Features

- Center and perimeter plate configurations
- Available in pre-wired 20A duplex receptacles or data/AV plates
- Multiple 20A duplex receptacles can be wired to a common circuit or independently
- NEMA spacing between devices

#### (ULC) LISTED L)us Complies with UL514A

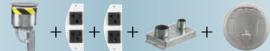
#### SystemOne Recessed 8 Inch Core Hole Kits, for Use In Concrete Floors

#### Pre-Wired 8 Inch Fire-Rated Poke-Through Kits

#### Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT1)
- (4) 20A, pre-wired receptacles, 18 inch wire lead, two pieces (S1R8PSPZ)
- (1) Fitting connection box with 1 inch and 11/2 inch EMT stubs (S1R8JNC1)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)

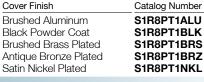
Receptacles feature single circuit wiring



#### 8 Inch Fire-Rated Poke-Through Kits

Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT1)
- (1) Fitting connection box with 1 inch and 11/2 inch EMT stubs (S1R8JNC1)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)



Cover Finish Brushed Aluminum

Cover Finish

Brushed Aluminum

Black Powder Coat

Satin Nickel Plated

Satin Nickel Plated

**Brushed Aluminum** 

Black Powder Coat

Satin Nickel Plated

Brushed Brass Plated Antique Bronze Plated

Cover Finish

Brushed Brass Plated

Antique Bronze Plated

Black Powder Coat

Satin Nickel Plated

Brushed Brass Plated

Antique Bronze Plated



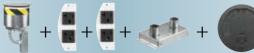


#### Pre-Wired 8 Inch Fire-Rated Poke-Through Kits

Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT2)
- (4) 20A, pre-wired receptacles, 18 inch wire lead, two pieces (S1R8PSPZ)
- (1) Fitting connection box with (2) 1 inch EMT stubs (S1R8JNC2)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)

Receptacles feature single circuit wiring



#### 8 Inch Fire-Rated Poke-Through Kits

Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT2)
- (1) Fitting connection box with (2) 1 inch EMT stubs (S1R8JNC2)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)

+	
Cover Finish	Catalog Number
Brushed Aluminum	S1R8PT2ALU
Black Powder Coat	S1R8PT2BLK
Brushed Brass Plated	S1R8PT2BRS
Antique Bronze Plated	S1R8PT2BRZ



Catalog Number

S1R8PTZZ3ALU

S1R8PTZZ3BLK

S1R8PTZZ3BRS

S1R8PTZZ3BRZ

S1R8PTZZ3NKL

Catalog Number S1R8PTZZ2ALU

S1R8PTZZ2BLK S1R8PTZZ2BRS

S1R8PTZZ2BRZ

S1R8PTZZ2NKL



#### Pre-Wired 8 Inch Fire-Rated Poke-Through for Data AV Kits

#### Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT3)
- (4) 20A, pre-wired receptacles, 18 inch wire lead, two pieces (S1R8PSPZ)
- (1) Fitting connection box with one 2 inch EMT stubs (S1R8JNC3)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)

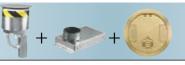
Receptacles feature single circuit wiring



#### 8 Inch Fire-Rated Poke-Through Kits

Kits include:

- (1) Hubbell SystemOne 8 inch floor fitting (S1R8PTFIT3)
- (1) Fitting connection box with (1) 2 inch EMT stubs (S1R8JNC3)
- (1) 8 inch flange and universal cover assembly (S1R8CVRxx)



Cover Finish Brushed Aluminum Black Powder Coat Brushed Brass Plated Antique Bronze Plated Satin Nickel Plated

Catalog Number S1R8PT3ALU S1R8PT3BLK S1R8PT3BRS S1R8PT3BRZ S1R8PT3NKL



### Shield constant Complies with UL514A



### SystemOne Recessed 8 Inch FRPT and Covers, for Use In Concrete Floors



S1R8PTFIT1



S1R8PTFIT2CHI



S1R8JNC7

S1R8JNC9

S1R8JNC10

S1R8JNC11

S1R8JNC12



S1R8JNC1



S1R8JNC2









S1	R8.	JNO	26

#### 8 Inch Fire-Rated Poke-Throughs

Description	Catalog Number
8 Inch Fire-Rated Poke-Through. No fitting box.	S1R8PTFIT
8 Inch Fire-Rated Poke-Through includes: (1) $\frac{3}{4}$ inch power EMT plus (1) S1R8JNC1 with (1) 1 inch EMT and (1) $\frac{1}{2}$ inch EMT.	S1R8PTFIT1
8 Inch Fire-Rated Poke-Through includes: (1) ¾ inch power EMT plus (1) S1R8JNC2 with (2) 1 inch EMT.	S1R8PTFIT2
8 Inch Fire-Rated Poke-Through includes: (1) ¾ inch power EMT plus (1) S1R8JNC3 with (1) 2 inch EMT.	S1R8PTFIT3
8 Inch Fire-Rated Poke-Through includes: (1) ¾ inch power EMT plus (1) S1R8JNC1 with (2) 1 inch EMTand (1) 1½ inch EMT. No fitting box or flexible metal conduit.	S1R8PTFIT1CHI
8 Inch Fire-Rated Poke-Through includes: (1) ¾ inch power EMT plus (1) S1R8JNC2 with (2) 1 inch EMT. No fitting box or flexible metal conduit.	S1R8PTFIT2CHI
8 Inch Fire-Rated Poke-Through includes: (1) ¾ inch power EMT plus (1) S1R8JNC3 with (1) 2 inch EMT. No fitting box or flexible metal conduit.	S1R8PTFIT3CHI
Note: See page 0-35 for technical information	

Note: See page Q-35 for technical information.

#### **Recessed 8 Inch Covers**

8 Inch FRPT cover assembly unit includes solid cast aluminum construction, carpet gasket and mounting hardware.



Note: COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3" (76mm) dia. mandrel at the center of the cover. Rated for static loads only.

#### **8 Inch Accessories**

Description	Catalog Number
Pre-pour tube, includes hardware.	S1R8PPT*
Abandonment plate, black finish.	S1R8ADMTBK
Low voltage replacement divider.	S1R8DIV
Power junction box, 27.0 cubic inches; (1) ¾ inch and (1) 1 inch EMT connector.	S1FRPTJB
Note: *Not UL Listed.	

**Replacement Fitting Boxes** 

Description	Catalog Number
(1) 1½ inch & (1) 1 inch EMT.	S1R8JNC1
(2) 1 inch EMTs.	S1R8JNC2
(1) 2 inch EMT.	S1R8JNC3
(3) 1 inch EMTs.	S1R8JNC4
(1) 1½ inch & (1) 1¼ inch EMT.	S1R8JNC5
(2) 1¼ inch EMTs.	S1R8JNC6
(1) ¾ inch & (2) 1 inch EMTs.	S1R8JNC7
(1) ¾ inch & (1) 1¼ inch EMT.	S1R8JNC8
(1) ¾ inch & (2) 1¼ inch EMTs.	S1R8JNC9
(1) 1¼ inch & (1) 2 inch EMT.	S1R8JNC10
(1) 1½ inch & (1) 2 inch EMT.	S1R8JNC11
(3) 1¼ inch EMTs.	S1R8JNC12

### SystemOne Recessed 8 Inch Sub-Plates

#### **Center Plate Configurations**

- Allows for 3 duplexes or up to 18 data/ AV jacks. Other combinations possible
- Accepts third party AV devices (i.e. Extron<sup>®</sup>, Crestron<sup>®</sup>, FSR<sup>®</sup>)



• Standard NEMA spacing between devices

#### Center Sub-Plates - Single Gang

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
Blank cover plate		(2) Extron <sup>®</sup> MAAP openings	* * - *
S1R8CSPB		S1R8CSPC	
(1) 1 unit Hubbell iSTATION opening		(1) 1.5 unit Hubbell iSTATION opening (See section Y for modules)	
S1R8CSPD		S1R8CSPE	
(1) 1.60" opening for 20A & 30A Twist-Lock®	:	(1) Duplex opening	Ċ
S1R8CSPG		S1R8CSPI	
(1) 1.40" opening for simplex or 15A Twist-Lock®	:	(1) Style Line <sup>®</sup> decorator opening	å
S1R8CSPJ	•	S1R8CSPK	-

#### Center Sub-Plates - Two and Three Gang

Two gang; (4) Extron® AAP openings		Two gang; 3 unit Hubbell iSTATION opening (See section Y for modules)	
S1R8CSPA	1.	S1R8CSPL	
Two gang; (2) Style Line <sup>®</sup> Decorator openings		Two gang; device depth extension collar (for use with 3rd party data up to 2.5" depth)	<b>(1)</b>
S1R8CSPM		S1R8CSPEXT	
Three gang; blank		Three gang; device	
cover plate		depth extension collar (for use with 3rd party data up to 2.5" depth)	
S1R8CSPN		S1R8CSPEXT3	

Note: Rectangle sub-plates are for center compartment, crescent sub-plates are for perimeter compartments and are not inter-changeable See page Q-14 for covers and accessories.

Extron<sup>®</sup> is a registered trademark of Extron Electronics. Crestron<sup>®</sup> is a registered trademark of Crestron Electronics, Inc. FSR<sup>®</sup> is a registered trademark of FSR Inc.

### www.hubbell-wiring.com

- Available in pre-wired duplexes or openings to accommodate third party AV devices
- Multiple duplexes can be wired in the supplied junction box or independently

#### Perimeter Sub-Plates

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
Blank cover plate		Single Extron® MAAP opening	Ċ
S1R8PSPU		S1R8PSPV	
Pull through with 1" bushing opening	0	Single Extron® AAP opening	ſ
S1R8PSPW		S1R8PSPX	
(1) 1 unit Hubbell iSTATION opening (See section Y for modules)		Dual 20A pre-wired power cubes; one circuit (Supplied with isolated ground sticker)	
S1R8PSPY		S1R8PSPZ	
Dual 20A pre-wired power cubes; one circuit (Supplied with isolated ground sticker); Marked with "Controlled"		S1R8PSPZ25 (25 foot leads)	
S1R8PSPZC			

#### **Features and Benefits**

#### SystemOne Recessed 6 Inch Fire-Rated Poke-Through Fittings

- Maintains concrete floor fire rating up to two hours
- Junction box standard
- Includes (1) 2 inch data/AV EMT and (1) 3/4 inch power EMT
- For use in the City of Chicago applications, junction box is NOT included
- Features ScrubShield<sup>®</sup> technology that exceeds UL514A scrub water exclusion requirements



#### FRPT Design

Step down installation

• Recessed connections

- Flexible single or dual service

#### Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Available as recessed or furniture feed
- Available in six architectural finishes



#### Chamber

- Recessed 3.5 inch deep connectivity chamber
- Large wiring compartments divides up to 2.9 inch (73mm) deep
- Adaptable low voltage divider
- 2-inch EMT bottom feed
- ¾-inch EMT bottom feed



#### Easy Mount Device Plates

• Multiple, open architecture mounting plates for power, data and AV



#### Safety

- Low profile flange, 0.15 inch exceeds ADA requirements
- Two hide-away egress doors fold under cover while in use
- 180° opening of main door



# 6 Inch Sub-Plate Features 60/40 or 50/50 Device Plate Combinations

- Allows for a wide array of data and AV connectivity with a 20A duplex receptacle
- The two plates can be independently wired

### SystemOne Recessed 6 Inch Core Hole Kits, for Use In Concrete Floors

#### Pre-Wired 60/40 Split 6 Inch Fire-Rated Poke-Through for Data AV Kits

#### Kits include:

- (1) Hubbell SystemOne 6 inch floor fitting (S1R6PTFIT)
- (2) Decorator opening sub-plate (S1R6SPW)
- (2) 20A, pre-wired receptacle with 18 inch wire leads (S1R6SPZ)
- (1) 6 inch flange and universal cover assembly (S1R6CVRxx)

Receptacles feature single circuit wiring.



#### Pre-Wired 50/50 Split 6 Inch Fire-Rated Poke-Through for Hubbell Data AV Kits

Kits include:

- (1) Hubbell SystemOne 6 inch floor fitting (S1R6PTFIT)
- (4) 1 Unit Hubbell iSTATION openings (S1R6SPD)
- (1) Decorator opening and (2) keystone openings (S1R6SPE)
- (4) 20A, pre-wired receptacles (S1R6SPH)
- (1) 6 inch flange and universal cover assembly (S1R6CVRxx)

Opening architecture Keystone openings accept Hubbell modular jacks and many others.

Receptacles feature single or two circuit wiring and isolated ground capability.



#### Pre-Wired 50/50 Split 6 Inch Fire-Rated Poke-Through for Hubbell or Third Party Devices Kits

Kits include:

- (1) Hubbell SystemOne 6 inch floor fitting (S1R6PTFIT)
- (3) Extron<sup>®</sup> AAP openings (S1R6SPA)
- (5) Extron<sup>®</sup> MAPP openings (S1R6SPC)
- (1) Decorator opening and (2) Hubbell keystone openings (S1R6SPE)
- (4) 20A, pre-wired receptacles (S1R6SPH)
- (1) 6 inch flange and universal cover assembly (S1R6CVRxx)

Opening architecture Keystone openings accept Hubbell modular jacks and many others.

Receptacles feature single or two circuit wiring and isolated ground capability.



Cover Finish

Cover Finish

Brushed Aluminum

Black Powder Coat

Satin Nickel Plated

**Brushed Brass Plated** 

Antique Bronze Plated

**Brushed Aluminum** 

Black Powder Coat

Satin Nickel Plated

Brushed Brass Plated

Antique Bronze Plated

#### 6 Inch Fire-Rated Poke-Through with Finished Cover Kits

Kits include:

- (1) Hubbell SystemOne 6 inch floor fitting (S1R6PTFIT)
- (1) 6 inch flange and universal cover assembly (S1R6CVRxx)



#### 6 Inch Fire-Rated Poke-Through for Furniture Feed Applications Kits

Kits include:

- (1) Hubbell SystemOne 6 inch floor fitting (S1R6PTFIT)
- (1) 6 inch furniture feed flange and cover assembly (S1R6FFCVRxx)
- (1) 2 inch conduit fitting
- (1) ¾ inch conduit fitting



Note: xx indicates finish options.

Extron<sup>®</sup> is a registered trademark of Extron Electronics.



Catalog Number

S1R6PTFFALU

S1R6PTFFBLK

S1R6PTFFBRS

S1R6PTFFBRZ

S1R6PTFFNKL



# Cover Finish Brushed Aluminum Black Powder Coat

Cover Finish

Brushed Aluminum

Black Powder Coat

Satin Nickel Plated

Brushed Brass Plated

Antique Bronze Plated





Catalog Number

S1R6PTDEHALU

S1R6PTDEHBLK

S1R6PTDEHBRS

S1R6PTDEHBRZ

S1R6PTDEHNKL

Shield

Complies with UL514A





Cover Finish Brushed Aluminum Black Powder Coat Brushed Brass Plated Antique Bronze Plated Satin Nickel Plated

Catalog Number S1R6PTACEHALU S1R6PTACEHBLK S1R6PTACEHBRS S1R6PTACEHBRZ S1R6PTACEHNKL

#### Complies with UL514A



### SystemOne Recessed 6 Inch FRPT and Covers, for Use In Concrete Floors



S1R6PTFIT



S1R6PTFITCHI



S1R6SPEXT



S1RPLUG2ALU



#### 6 Inch Fire-Rated Poke-Throughs

Description	Catalog Number
6 Inch Fire-Rated Poke-Through.	S1R6PTFIT
6 Inch Fire-Rated Poke-Through; for use in the City of Chicago.	S1R6PTFITCHI

Note: See page Q-36 for technical information.

#### **Recessed 6 Inch Covers**

6 Inch FRPT cover assembly unit includes solid cast aluminum construction, carpet gasket and mounting hardware.

Cover Finish	Catalog Number	Furniture Feed Option
Brushed Aluminum	S1R6CVRALU	S1R6FFCVRALU
Black Powder Coat	S1R6CVRBLK	S1R6FFCVRBLK
Brushed Brass Plated	S1R6CVRBRS	S1R6FFCVRBRS
Antique Bronze Plated	S1R6CVRBRZ	S1R6FFCVRBRZ
Gray Powder Coat	S1R6CVRGRY	S1R6FFCVRGRY
Satin Nickel Plated	S1R6CVRNKL	S1R6FFCVRNKL

Note: COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3 in. (76) mandrel at the center of the cover. Static loads only.

#### **6 Inch Accessories**

Description	Catalog Number
Pre-pour tube, includes hardware.	S1R6PPT*
Abandonment plate, black finish.	S1R6ADMTBK
Low voltage replacement divider.	S1R6DIV
Power junction box, 27.0 cubic inches; (1) ¾ inch and (1) 1 inch EMT connector.	S1FRPTJB
1½ inch extension kit.	S1R6SPEXT
Note: *Not UL Listed.	

#### **Replacement Furniture Feed Fitting**

Description	Catalog Number
2 inch furniture feed fitting.	S1RFFFIT2

#### **Replacement Plugs**

Finish	2 Inch	34 Inch
Brushed Aluminum	S1RPLUG2ALU	S1RPLUG075ALU
Black Powder Coat	S1RPLUG2BLK	S1RPLUG075BLK
Brushed Brass Plated	S1RPLUG2BRS	S1RPLUG075BRS
Antique Bronze Plated	S1RPLUG2BRZ	S1RPLUG075BRZ
Satin Nickel Plated	S1RPLUG2NKL	S1RPLUG075NKL

#### Complies with UL514A

### SystemOne Recessed 6 Inch Sub-Plates, for Use In Concrete Floors

#### 60/40 Device Plate Combination

- Allows for up to twelve data/AV jacks plus a 20A duplex receptacle
- Two plates which can be wired independently



#### Left 60% Sub-Plates

Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(1) Extron® MAAP opening, (4) Extron® MAAP openings, (1) Extron® MAAP opening, left side only		<ul> <li>(2) 1.5 unit Hubbell iSTATION openings, left side only</li> <li>(2) Extron<sup>®</sup> AAP openings, left side only</li> </ul>	
S1R6SPT*		S1R6SPU*	
(1) Style Line <sup>®</sup> decorator and (2) Extron <sup>®</sup> MAAP openings, left side only		(2) Style Line <sup>®</sup> decorator openings, left side only	
S1R6SPV*		S1R6SPW*	
(1) Style Line <sup>®</sup> decorator and (2) Extron <sup>®</sup> AAP openings, left side only		<ol> <li>Style Line<sup>®</sup> decorator and</li> <li>1.5 unit Hubbell iSTATION openings, left side only</li> <li>(See section Y for modules)</li> </ol>	
S1R6SPX*		S1R6SPY*	

#### **Right 40% Sub-Plates**

(2) 20A pre-wired receptacles; 16" lead; one circuit, right side only (Supplied with isolated ground sticker)

(2) 20A pre-wired receptacles; 16" lead; one circuit, right side only (Supplied with isolated ground sticker); Marked

with " Controlled"

S1R6SPZ



(2) 20A pre-wired

receptacles; 25 foot

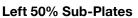
#### S1R6SPZC

Note: Sub-plates can not be rotated to create additional layouts. When assembled, sub-plates can not overlap. Custom plates available upon request and may be subject to minimum order quantity.

\*Sub-plates must only be used for Data/AV. Do not mix with power devices. See page Q-18 for covers and accessories.

### 50/50 Device Plate Combination

- Allows for up to eight Hubbell data jacks plus two 20A duplex receptacles
- Two plates which can be wired independently



Description/Cat. No.	Sub-plate	Description/Cat. No.	Sub-plate
(3) Extron <sup>®</sup> AAP plate openings, left side only		Blank cover plate, left side only	
S1R6SPA		S1R6SPB	
(5) Extron <sup>®</sup> MAAP plate openings, left side only		(4) 1 unit Hubbell iSTATION openings, left side only (See section Y for modules)	
S1R6SPC		S1R6SPD	
<ol> <li>Style Line<sup>®</sup></li> <li>decorator and</li> <li>Hubbell keystone openings, left side only</li> </ol>	Ð	(2) 1.5 unit Hubbell iSTATION openings, left side only (See section Y for modules)	C
S1R6SPE*		S1R6SPF	
<ul> <li>(3) Extron<sup>®</sup> MAAP</li> <li>openings and</li> <li>(2) Hubbell keystone</li> <li>jack openings, left</li> <li>side only</li> </ul>		(1) Style Line <sup>®</sup> decorator opening, left side only	C
S1R6SPL		S1R6SPM	
(1) Decorator opening and (2) Ortronics® TracJack® openings, left side only			

S1R6SPN

### **Right 50% Sub-Plates**

Ingine 66 /0 Gub			
(1) Duplex device opening, right side only	8	(1) Style Line <sup>®</sup> Decorator device opening, right side only	D
S1R6SPI		S1R6SPK	
(1) 1.60" opening for 20A and 30A Twist-Lock <sup>®</sup> , right side only		(1) 1.40" opening for simplex or 15A Twist-Lock <sup>®</sup> , right side only	
S1R6SPG		S1R6SPJ	
(4) 20A pre-wired receptacles; one or two circuits, right side only (Supplied with isolated ground sticker)		(4) 20A pre-wired receptacles; 16" leads; one or two circuits, right side only; Marked with "" Controlled"	
<b>S1R6SPH</b> (16" leads)	4	<b>S1R6SPHC4</b> (4 Controlled)	12.4
S1R6SPH25 (25 foot leads)		<b>S1R6SPHC2</b> (2 Controlled)	

Extron<sup>®</sup> is a registered trademark of Extron Electronics.

TracJack®, Series II® and Ortronics® are registered trademarks of Ortronics/Legrand.

#### **Features and Benefits**

#### SystemOne Recessed 4 Inch Fire-Rated Poke-Through Fittings

- Maintains concrete floor fire rating up to two hours
- Junction box standard, 27 cubic inches
- (1) <sup>3</sup>/<sub>4</sub> inch conduit for power and (2) <sup>1</sup>/<sub>2</sub> inch conduits for low voltage
- For use in the City of Chicago applications, junction box is NOT included





#### FRPT Design

- Step down installation
- Flexible single or dual service
- Recessed connections



#### Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Available in six architectural finishes



#### Chamber

- 3-inch deep user access chamber
- Deep wiring chamber for GFCI and USB devices
- Low voltage dividers
- Perimeter chamber:
   (2) ½ inch EMTs bottom feed
- Center chamber: (1) ¾ inch EMT bottom feed





#### Safety

- Low profile flange, 0.15 inch exceeds ADA requirements
- Hide-away egress door folds under cover while in use
- 180° opening of main door



#### 4 Inch Sub-Plate Features

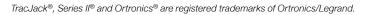
Easy Mount Device Plates

• Field configurable device plates

plates for power, data and AV

• Multiple, open architecture mounting

- Sub-plates accept Hubbell keystone jacks
- Third party sub-plates accept Ortronics® TracJack®



HUBBELL<sup>®</sup> Wiring Device-Kellems



Satin Nickel Plated

# **Fire-Rated Poke-Throughs**

#### SystemOne Recessed 4 Inch Core Hole Kits, for Use In Concrete Floors

#### **One-Piece Pre-Wired, Quad Receptacle, Recessed Connectivity,** Fire-Rated Poke-Through for Power Only

#### Kits include:

- (1) Hubbell SystemOne 4 inch recessed floor fitting (S1R4PTFIT)
- (1) Hubbell pre-wired quad receptacle with mounting plate (S1R4SPQUAD)
- (1) Hubbell SystemOne 4 inch recessed activation cover (S1R4CVRxx)
- (1) Hubbell Junction box (S1FRPTJB)



### One-Piece, Fire-Rated Poke-Through, Recessed Connectivity

#### Kits include:

- (1) Hubbell SystemOne 4 inch recessed floor fitting (S1R4PTFIT)
- (1) Hubbell SystemOne 4 inch recessed activation cover (S1R4CVRxx)
- (1) Hubbell Junction box (S1FRPTJB)



Note: xx indicates finish options.

#### SystemOne Recessed 4 Inch FRPT and Covers, for Use In Concrete Floors

4 Inch Fire-Rated Poke-Throughs	
Description	Catalog Number
4 Inch FRPT includes: Junction box and low voltage dividers.	S1R4PTFIT
4 Inch FRPT includes: Low voltage dividers, junction box NOT included.	S1R4PTFITCHI
4 Inch FRPT includes: Quad sub-plate and junction box.	S1R4PTQUAD

Note: See page Q-22 for sub-plates and accessories. See page Q-37 for technical information.

#### **Recessed 4 Inch Covers**

Single fold under cable egress door. Unit includes solid cast aluminum construction, carpet gasket and mounting hardware.



Note: COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3" (76mm) dia. mandrel at the center of the cover. Rated for static loads only.



S1R4CVRNKL









S1R4PTFIT S1R4PTFITQUAD





S1R4PTBRS



Catalog Number S1R4PTQUADALU S1R4PTQUADBLK S1R4PTQUADBRS S1R4PTQUADBRZ



Cover Finish **Brushed Aluminum** Black Powder Coat Brushed Brass Plated Antique Bronze Plated

Cover Finish **Brushed Aluminum** Black Powder Coat Brushed Brass Plated Antique Bronze Plated S1R4PTQUADGRY Gray Powder Coat Satin Nickel Plated S1R4PTQUADNKL

### SystemOne Recessed 4 Inch Sub-Plates and Accessories

The 4 Inch recessed cover is available in a number of durable, yet beautiful finishes to match any décor. The flange height of 0.15 inch exceeds ADA requirements and suitable for use on any floor finish. All covers are UL514A, scrubwater compliant.



Shield

Complies with UL514A

#### **Device Mounting Plates**

Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate
2X2 Sub-plate with (1) Style Line <sup>®</sup> decorator device opening and (2) keystone jack openings		(1) Style Line <sup>®</sup> decorator device opening for power or datacom applications		2X2 Sub-plate with (1) Style Line <sup>®</sup> decorator device opening and (2) Ortronics <sup>®</sup> TracJack <sup>®</sup> openings	
S1R4SP2X2STYLE		S1R4SPSTYLE		S1R4SP2X2STYLETJ	
2X2 Sub-plate with (1) duplex device opening and (2) keystone jack openings	8	(1) Duplex device opening for power or datacom applications	8	2X2 Sub-plate with (1) duplex device opening and (2) Ortronics <sup>®</sup> TracJack <sup>®</sup> openings	8
S1R4SP2X2DUPLEX		S1R4SPDUPLEX		S1R4SP2X2DUPLEXTJ	
(4) Single 20A receptacles. Can be wired as single or two circuit with isolated ground capability, 12" wire leads	**	(1) 1.60" opening for 20A or 30A Twist-Lock <sup>®</sup> receptacle	Ö	(1) 1.40" opening for simplex receptacle	Ö.
S1R4SPQUAD		S1R4SPTWIST		S1R4SPSIMPLEX	

Note: See section Y for data jacks and frames.



For low light applications (i.e. under tables or podiums) consider using Hubbell's LED illuminated receptacles: HBL8200ILW 15A, LED or HBL8300ILW 20A, LED.

#### HBL8300ILW



#### 4 Inch Accessories

+ IIICII ACCESSOIIES	
Description	Catalog Number
Pre-pour tube, includes hardware.	S1R4PPT*
Abandonment plate, black finish.	S1R4FRPTADMTBK
Low voltage replacement divider.	S1R4DIV
Note: *Not UL Listed.	

#### **Design Solutions for:**

Retail, Cafeterias, Commercial Office Space, Mass Transit Hubs, Education.



Tile

Carpet

Terrazzo

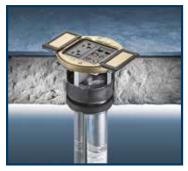
For Technical files, including BIM models, CAD files and Customer drawings, please visit www.hubbell-wiring.com under the Technical tab.

TracJack®, Series II® and Ortronics® are registered trademarks of Ortronics/Legrand.

### Products at a Glance

Featuring the innovative SystemOne product line, Hubbell's offering of Fire-Rated Poke-Throughs (FRPT) products provide installers with a broad range of options to support a wide array of connections. Hubbell SystemOne flush FRPTs install in a 4 inch core hole and provide users the flexibility to create personal solutions for their most demanding applications.

# Hubbell SystemOne Flush FRPTs for 4 Inch Concrete Core Hole Applications...



**Multi-Service Applications** 

This Hubbell SystemOne sub-plate incorporates two Style Line<sup>®</sup> rectangular openings. These can be used for a variety of power and/or data applications. It will accommodate 15 or 20 amp, standard, isolated ground, GFCI or surge protected receptacles. Using communication frames it can provide up to a 6-port multi-service or a 12-port all communication solution.



**Multimedia Applications** 

Other Hubbell SystemOne sub-plates are designed to meet the growing needs of the audio and video markets. Some sub-plates provide power outlets with Hubbell's AV products including 15-pin SVGA, RCA, S-Video, 3.5mm stereo, and XLR microphone jacks. Other sub-plates can accommodate Extron<sup>®</sup> Electronics MAAP and AAP series AV modules.



**4X4 Applications** 

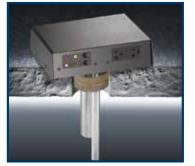
Provides maximum power capacity for flush, multi-service applications. This sub-plate features a pre-wired four outlet 20A, 125V receptacle and four openings for Hubbell's Snap Fit, flush mount modular jacks and AV connectors.

### Traditional Hubbell FRPTs for 3 Inch and 2 Inch Concrete Core Hole Applications...



**Flush Applications** 

Hubbell offers a variety of single and multi-service flush fire-rated poke-through products. It incorporates a Hubbell Style Line<sup>®</sup>, 20 amp, duplex receptacle and two Hubbell Category 6 data jacks. The jacks mount flush to the cover for an unobtrusive appearance. Various colors and all brass versions are available.



**Pedestal Applications** 

Hubbell offers single and multi-service pedestal style FRPTs for those applications requiring above-the-floor connections. Available in 2, 4 or 6-gang sizes, pedestal FRPTs provide more power and low voltage connections to the desktop than most flush configurations in a 3 Inch core hole.



**Furniture Feed Applications** 

Hubbell offers single and multiple service flush and pedestal style FRPTs that deliver power and voice/data cabling to feed furniture systems. Various models can feed up to 2 inch conduit and can accommodate up to 36 Category 5e data cables.

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### SystemOne Flush 4 Inch Core Through Floor Fittings



- Step down installation clips allow the fitting to be installed or removed from the floor above
- Fire barrier expands during fire conditions to maintain the floor's fire rating
- Adjustable lower fire barrier accommodates concrete floor thicknesses from 21/4 to 7 inch
- Oversized EMT conduit tubes for increased cable capacity

### **Universal Flange and Cover Assembly**



- Hinged doors open 180 degrees flush to the carpet flange or tile
- Locking studs allow each door to be secured independently
- The universal carpet or tile flange can be used for Hubbell SystemOne Fire-Rated Poke-Throughs and Floor Boxes
- Finishes and colors available:



#### Hubbell SystemOne Flush Sub-Plates

Hubbell's modular sub-plate design allows users to economically upgrade Hubbell SystemOne FRPT and Floor Boxes to accommodate future moves, additions and changes. See page Q-27 for additional information.



4x4 Sub-Plate



Dual Style Line® Decorator Sub-Plate



Power Sub-Plate



Twist-Lock<sup>®</sup> Sub-Plate





Furniture Feed Cover, Carpet

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• Accepts all Hubbell SystemOne universal covers and flush sub-plates

- Excellent solution for retrofit and new construction
- Delivers power, voice, data and multimedia
- UL listed for use in 1 4 hour fire rated floors at 100% rated fill
- Available with integral power junction box
- SystemOne Fire-Rated Poke-Throughs are approved for use in the City of Chicago
- UL installation spacing minimum 2 feet on center, not more than one per 65 square feet of floor area in each span

#### Features

- Durable cast aluminum construction available in black, gray, brass, aluminum and ivory powder coat finishes
- Features ScrubShield<sup>®</sup> technology that exceeds UL514A scrub water exclusion requirements
- Provides consistent look and maximum functionality throughout the installed life
- Meets ADA requirements for accessible design

#### Features

- Durable cast aluminum construction, powder coat finish
- Hubbell 4X4: four 20A, 125V receptacles, four keystone openings for voice/data jacks and flush multimedia connectors
- Hubbell X-END and Hubbell iSTATION modular connectivity
- Accommodates Extron<sup>®</sup> Electronics Architectural Series AV system integration products
- Accommodates GFCI, surge and standard Style Line<sup>®</sup> Decorator receptacles
- Twist-Lock<sup>®</sup> receptacle with two flush keystone openings
- Large capacity and multi-service furniture feed applications
- Open system sub-plates permit maximum data flexibility

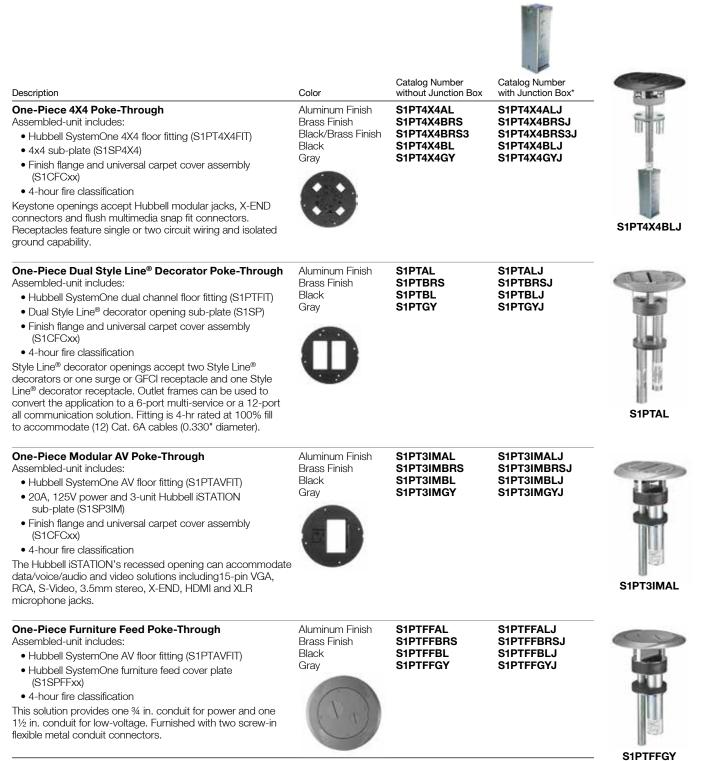
### HUBBELL<sup>®</sup> Wiring Device-Kellems

Complies with UL514A

### SystemOne Flush Systems 4 Inch Core Hole One-Piece Units, for Use In Concrete Floors

#### Hubbell SystemOne 4 Inch Core Hole, One-Piece Units

All Hubbell SystemOne 4 Inch core, one-piece units include the sub-plate and cover to simplify your order and reduce installation time. Units are also available with a power junction box installed. The junction box is also available for purchase separately.



Note: \*Junction box factory installed on through floor fitting. See pages Q-38 and Q-39 for technical information.

Complies with UL514A



### SystemOne Flush Systems 4 Inch Core Hole Three-Piece Units, for Use In Concrete Floors



#### Hubbell SystemOne 4 Inch Core, Three-Piece Units

Ť			
	Description	Catalog Number without Junction Box	Catalog Number with Junction Box*
siPT4X4FITJ	<b>4X4 Through Floor Fitting</b> Through floor fitting with two ¾ in. EMT for communications and one ¾ in. EMT for power. For use with Hubbell SystemOne universal covers and S1SP4X4 and S1SPTL series sub-plates only. Universal cover and sub-plate ordered separately. 4-hour fire classification.	S1PT4X4FIT	S1PT4X4FITJ
	<b>Dual Channel Through Floor Fitting</b> Through floor fitting with two 1 in. EMT conduit stems to feed power and/or communication services. For use with Hubbell SystemOne universal covers and all Hubbell sub-plates except S1SP4X4 and S1SPTL series. Universal cover and sub-plate ordered separately. 4-hour fire classification.	S1PTFIT	S1PTFITJ
SIPTFIT	AV Through Floor Fitting Through floor fitting with one ¾ in. EMT conduit stem for power and one 1½ in. EMT conduit stem for communication services. Ideal for demanding, high capacity AV and data requirements. For use with Hubbell SystemOne universal covers and all Hubbell sub-plates except S1SP4X4 and S1SPTL series. Universal cover and sub-plate ordered separately. 4-hour fire classification.	S1PTAVFIT	S1PTAVFITJ

Note: \*Junction box factory installed on through floor fitting. See pages Q-38 and Q-39 for technical information.

S1PTAVFIT

#### Hubbell SystemOne Universal Cover

- Cast aluminum construction
- Durable powder coat finish

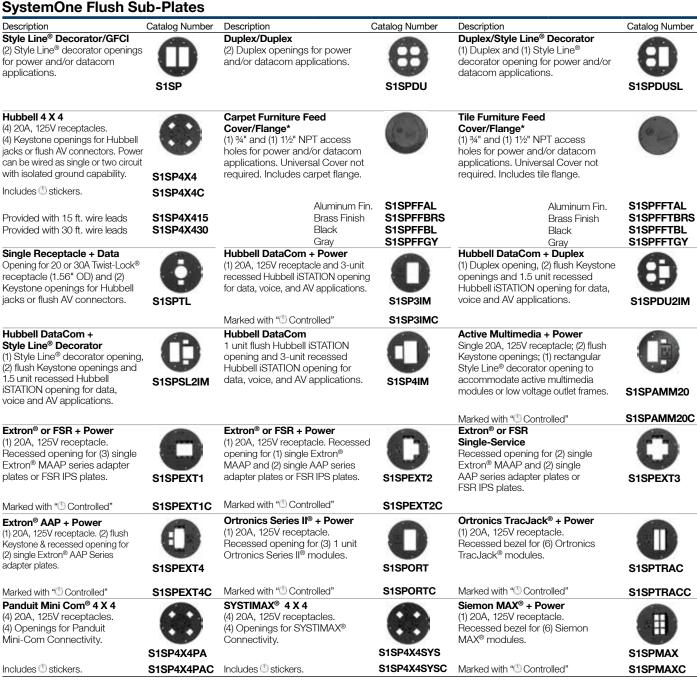
Finish/Color	Carpet	Tile
Aluminum Finish	S1CFCAL	S1TFCAL
Brass Finish	S1CFCBRS	S1TFCBRS
Black	S1CFCBL	S1TFCBL
Gray	S1CFCGY	S1TFCGY
lvory	S1CFCI	S1TFCI



#### **Poke Through Accessories**

Description	Color	Catalog Number
Abandonment Plates Used to cover abandoned SystemOne Fire-Rated Poke-Throughs or Floor Boxes.		
	Black Gray	S1AP4BL S1AP4GY
Fire-Rated Closure Plug Used to seal a 4 Inch core hole when the FRPT is no longer required and the through-floor fitting is removed. Maintains the floor's 1–4 hour fire rating.		
	Black Gray	S1FRP4BL S1FRP4GY
Power Junction Box For use with SystemOne Fire-Rated Poke-Throughs. Provides 27.0 cubic inches. (1) ¾ and (1) 1" EMT connector supplied. Trade size knockouts: Top (1) 1 inch Bottom (1) ¾ inch Sides (2) ½ inch (1) ¾ inch		S1FRPTJB
4 Inch Dia., Pre-Pour Tube Includes hardware.		11
		S1R4PPT*

Note: \*Not UL Listed.



ScrubShield<sup>®</sup>

Complies with UL514A

Note: \*Furnished with two screw-in flexible metal conduit connectors. See Network Wiring section for complete offering of Hubbell jacks, frames and datacom accessories. See page Q-28 for FRPT Configuration Chart.

#### **Sub-Plate Accessories**

Description			Description	Catalog Number
Replacement Threader Used with S1SPFFx and Sub-plate is supplied with	SISPFFTx only.		Replacement for <b>S1SPMAX.</b> Sub-plate is supplied with data frame. Works with Siemon MAX <sup>®</sup> .	S1DFMAX
Color	1½" Plug	34" Plug	Replacement for <b>S1SPTRAC</b> sub-plate. Sub-plate is supplied with data frame. Works with Ortronics TracJack <sup>®</sup> .	S1DFTRAC
Aluminum Finish Brass Finish Black Gray	S1FP15AL S1FP15BRS S1FP15BL S1FP15GY	S1FP34AL S1FP34BRS S1FP34BL S1FP34GY	Blank Style Line <sup>®</sup> decorator frame, Black. 2-Port Style Line <sup>®</sup> decorator frame, Black. 4-Port Style Line <sup>®</sup> decorator frame, Black. 6-Port Style Line <sup>®</sup> decorator frame, Black.	NS620BK ISF2BK ISF4BK ISF6BK

Extron® is a registered trademark of Extron Electronics. MAX® is a registered trademark of The Siemon Company. Mini-Com® and Panduit® are registered trademarks of Panduit Corp. SYSTIMAX® is a registered trademark of CommScope, Inc. TracJack®, Series II® and Ortronics® are registered trademarks of Ortronics/Legrand.

HUBBELL<sup>®</sup> Wiring Device-Kellems



<u>ScrubShield</u> Complies with UL514A

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SystemOne Flush Configuration Chart			Floor Boxes* Non- Metal					4" Core Hole Fire-Rated Poke-Throughs			
Configurat	ion Chart		Metallic		r	Metal		1	Fire-Ra	lea Poke-II	irougris
(except S1PF	use in the City of Chicag 3)	<b>D</b> .		5		-			1		
Sub-Plates			S1PFB	S1CFB	S1SFB	S1SFBCR	S1SFBAV	S1SFBAVCR	S1PTFIT	S1PT4X4FIT	S1PTAVFIT
S1SP	Style Line <sup>®</sup> Decorator/GFCI	0	3	3.5	3.5	3.5	3.5	3.5	<b>√</b> +	×	1
S1SPDU	Duplex/Duplex	8	3	3.5	3.5	3.5	3.5	3.5	<b>/</b> +	×	1
S1SPDUSL	Duplex/Style Line <sup>®</sup> Decorator	0	3	3.5	3.5	3.5	3.5	3.5	√+	×	1
S1SP4X4 S1SP4X4PA S1SP4X4SYS	Hubbell 4 X 4 Panduit Mini-Com <sup>®</sup> 4 X 4 SYSTIMAX <sup>®</sup> 4 X 4		4	4	4	4	4	4	~		~
S1SP4X4C S1SP4X4PAC S1SP4X4SYSC	Marked with " <sup>(1)</sup> Controlled"	0		9	9	9	9	9	×	<b>v</b> +	×
S1SPTL	Twist-Lock <sup>®</sup> Receptacle + Data	0	4	4	4	4	4	4	×	<b>√</b> +	×
S1SP3IM	Hubbell DataCom + Power	0	5	5	5	5	5	5	1	×	<b>√</b> +
S1SP4IM	Hubbell DataCom	0	3.5	3.5	3.5	3.5	3.5	3.5	<b>\$</b>	×	<b>√</b> +
S1SPDU2IM	Hubbell DataCom + Duplex	Ð	5	5	5	5	5	5	1	×	√+
S1SPSL2IM	Hubbell DataCom + Style Line <sup>®</sup> Decorator	Õ	5	5	5	5	5	5	1	X	<b>√</b> +
S1SPFFxx (Carpet) S1SPFFTxx (Tile)	Furniture Feed Cover/Flange (Replace "xx" with BRS (Brass finish), AL (Aluminum finish), BL (Black) or GY (Gray).	Õ	3	3.5	3.5	3.5	3.5	3.5	1	×	<b>√</b> +
S1SPEXT1 S1SPEXT1C	Extron <sup>®</sup> or FSR + Power Marked with " <sup>(1)</sup> Controlled"	0	4	4	4	4	4	4	1	×	<b>√</b> +
S1SPEXT2	Extron <sup>®</sup> or FSR + Power								L		
S1SPEXT2C	Marked with " <sup>(1)</sup> Controlled"	Q	4	4	4	4	4	4		×	<b>√</b> +
S1SPEXT3	Extron <sup>®</sup> or FSR Single-Service	0	4.5	4.5	4.5	4.5	4.5	4.5	<b>√</b>	×	√+
S1SPEXT4	Extron <sup>®</sup> or FSR + Power	0	4	4	4	4	4	4		Y	1.
S1SPEXT4C	Marked with " <sup>(1)</sup> Controlled"	U							•	X	<b>√</b> +
S1SPORT	Ortronics Series II® + Power		5	5	5	5	5	5		X	1.
S1SPORTC	Marked with "O Controlled"	U							•	<b>^</b>	**
S1SPTRAC	Ortronics TracJack <sup>®</sup> + Power		5	5	5	5	5	5	1	X	<b>/</b> +
S1SPTRACC	Marked with "O Controlled"								-		• •
S1SPMAX	Siemon MAX <sup>®</sup> + Power		5	5	5	5	5	5	1	X	<b>√</b> +
S1SPMAXC S1SPAMM20	Marked with "" Controlled" Active Multimedia + Flush										-
	Keystone + Power	O	5	5	5	5	5	5	1	×	<b>√</b> +
S1SPAMM20C S1CFCxx	Marked with "O Controlled" SystemOne Floor Boxes		$\overline{}$	0					<b>√</b> +		×
(Carpet)	and FRPTs use SystemOne Universal Covers (Replace "xx" with BRS (Brass finish), AL	Q	$\bigcirc$	Signifies min Hubbell Sys	temOne Flo	or Boxes.			Recommended Floor Fitting	Floor Fitting	Not Compatible
<b>S1TFCxx</b> (Tile)	(Aluminum finish), BL (Black) or GY (Gray).	$\bigcirc$	Mini-Com® a	and Panduit®	are registere	d trademarks	s of Panduit C	a registered t Corp. SYSTIM red trademar	AX® is a regis	tered tradema	

### Traditional Flush 2X2 FRPT 3 Inch Core Hole Units, for Use In Concrete Floors

#### 2X2 Flush FRPT, One-Piece Units (PT2X2FIT)

Description	Color	Catalog Number	Description	Color/Material	Catalog Number
2X2 Poke-Through Non-metallic Cover	Black/Aluminum Black/Aluminum Black Gray Black Gray Gray	PT2X2ALU3 PT2X2IGALU3 PT2X2BL PT2X2GY PT2X2IGBL* PT2X2IGGY*	2X2 Poke-Through	Black/Brass Brass Finish/Brass Black/Brass Brass Finish/Brass	PT2X2BRS3 PT2X2BRS PT2X2IGBRS3* PT2X2IGBRS*
<ul> <li>Pre-wired 20A Style Lir receptacle and (2) Cat</li> <li>Painted or brushed alu</li> <li>Approved for use in th</li> </ul>	egory 6 data jacks uminum flange		<ul> <li>Pre-wired 20A Style Lir receptacle and (2) Cat.</li> <li>Solid brass flange</li> <li>Approved for use in th</li> </ul>	egory 6 data jacks	

Note: \*Includes pre-wired 20A isolated ground Style Line® decorator duplex receptacle.

#### 2X2 Flush FRPT, Two-Piece Units



#### **Service Fittings**

Description	Color	Catalog Number	Description	Color/Material	Catalog Number
2X2 Service Fitting Non-metallic Cover/ Aluminum Flange	Black/Aluminum Black Gray	PT2X2SFALU3 PT2X2SFBL PT2X2SFGY	2X2 Service Fitting Non-metallic Cover/ Brass Flange	Black/Brass Brass Finish/Brass	PT2X2SFBRS3 PT2X2SFBRS
<ul> <li>Pre-wired 20A Style Line receptacle and (2) Cate</li> <li>Painted or brushed alu</li> </ul>	egory 6 data jacks		<ul> <li>Pre-wired 20A Style Line receptacle and (2) Cate</li> <li>Solid brass flange</li> </ul>		

#### Accessories

Description	Color/Material	Catalog Number	Description	Color/Material	Catalog Number
Non-metallic Replacement Covers	Brass Finish Black Gray	PT2X2CBRS PT2X2CBL PT2X2CGY	<b>Closure Plug</b> Textured aluminum plug seals 3 in. core hole when FRPT is no longer required and is removed. Maintains the floor's 1 – 4 hour fire rating. UL Listed and CSA Certified.		FRP250

Note: See page Q-41 for technical information.

**bShield, Mus** WCuster

Complies with UL514A

### bShieldຶ Complies with UL514A



#### Flush Duplex FRPT, One-Piece Units

Description	Color	Catalog Number	Description	Color/Material	Catalog Number
Flush Poke-Through	Black Brown Gray Ivory Gray Ivory	PT7FSDBLA PT7FSDBRA PT7FSDGYA PT7FSDIA PT7IGFSDGYA* PT7IGFSDIA*	Flush Brass Poke-Through	All Brass Black/Brass All Brass	PT7FSDBRS2A PT7FSDBRS3A PT7IGFSDBRSA*
<ul> <li>Complete assembled unit</li> <li>Pre-wired 20A duplex ra</li> <li>Non-metallic flip lid cover (2) ½ in. diameter low var feed-through holes</li> <li>Painted aluminum flanger</li> </ul>	eceptacle er with bltage		Complete assembled unit ind Pre-wired 20A duplex rece All brass or black non-met Flip lid cover with (2) ½ in. Iow voltage feed-through t Solid brass flange	eptacle allic cover option diameter	

Note: \*Includes pre-wired 20A isolated ground duplex receptacle.

### Flush FRPT, Two-Piece Units

Description	Catalog Number
Multi-Channel Through-Floor Fitting with (1) ¾ in. EMT stem for power and (2) ½ in. low voltage feed-through holes.	PT7FSD (with Junction Box) PT73SD (without Junction Box)



#### Specifications:

- 1 4 hour fire rating (1 3 hour for steel floor units and concrete topping, D900 Series Design)
- For 21/4 in. to 7 in. floor thickness
- UL installation spacing minimum 2 ft. on center and not more than one per 65 sq. ft. of floor area

#### **Service Fittings**

Description	Color	Catalog Number	Description	Color/Material	Catalog Number
Flush Aluminum Service Fitting	Black Brown Gray Ivory	FRFBLA FRFBRA FRFGYA FRFIA	Flush Brass Service Fitting	Solid Brass	FRFBRS2A
Complete assembled ur	nit includes:		Complete assembled u	init includes:	
<ul> <li>Pre-wired 20A duple&gt;</li> </ul>	k receptacle	(F)	Pre-wired 20A duple	ex receptacle	
<ul> <li>Non-metallic flip lid co (2) ½ in. diameter low feed-through holes</li> </ul>			<ul> <li>Solid brass flip lid cc (2) ½ in. diameter lov feed-through holes</li> </ul>		
<ul> <li>Painted aluminum flar</li> </ul>	nge		Solid brass flange		

#### Accessories

Description	Color	Catalog Number	Description	Color/Material	Catalog Number
Non-metallic Replacement Covers	Black Brown Gray Ivory	PFBRCBLA PFBRCBRA PFBRCGYA PFBRCIA	All Brass Replacement Covers	Solid Brass	BRS2RCA

Note: See page Q-33 for 3 Inch FRPT accessories.

See page Q-41 for technical information.



ScrubShield Complies with UL514A

### Traditional Flush Furniture Feed FRPT 3 Inch Core Hole Units, for Use In Concrete Floors

#### Large Capacity, Single-Service Flush Furniture Feed FRPT, Two-Piece Units

Description	Catalog Number	Description	Color/Material	Catalog Number
Large Capacity, Single-Service Through Floor Fitting with (1) 2 in. EMT stem. Will accommodate up to 36 Category 6 cables.	PT2FIT	Large Capacity Cover/Flange	Brass Finish Black Gray	FF2BRS FF2BK FF2GY
<ul> <li>Specifications:</li> <li>1- to 2-hour fire rating</li> <li>Single-Service, Power or Data</li> <li>For 2<sup>1</sup>/<sub>4</sub> to 7 in. floor thickness</li> <li>UL installation spacing – minimum 2 ft. on center and not more than 1 per 65 sq. ft. of floor area</li> <li>Approved for use in the City of Chicago</li> </ul>		<ul> <li>Specifications:</li> <li>Cover/flange with 1¼ trade size combination</li> <li>Painted aluminum cov</li> <li>Approved for use in the</li> </ul>	n knockout ver and flange	

Note: See page Q-42 for technical information.

#### Flush Furniture Feed FRPT, One-Piece Units

Description	Color	Catalog Number	Description	Color	Catalog Number
3-Service Furniture Feed Poke-Through	Black Gray Ivory	PT73FFSDBK PT73FFSDGY PT73FFSDI	Single-Service Furniture Poke-Through	Feed Black Gray Ivory	– PT7FFSDGY PT7FFSDI
<ul> <li>Complete assembled unit inc</li> <li>PT73SD floor fitting</li> <li>Aluminum cover with (2) ½ threaded hubs for low volta (1) % in. threaded hub for p</li> <li>Painted aluminum flange</li> </ul>	in. age and		<ul> <li>Complete assembled un</li> <li>PT71SD floor fitting</li> <li>Aluminum cover with ( to accept a % in. conr</li> <li>Painted aluminum flan</li> </ul>	(1) KO hector	

Note: See page Q-42 for technical information.

#### Flush Furniture Feed FRPT, Two-Piece Units

Description	Catalog Number	Description	Catalog Number
3-Service Furniture Feed Through- Floor Fitting with (1) ¾ in. EMT stem for power and (2) ½ in. low voltage conduit holes.	PT73SD	Single-Service Furniture Feed Through-Floor Fitting with (1) ¾ in. EMT stem for power or low voltage applications.	PT71SD
<ul> <li>Specifications:</li> <li>1 – 4 hour fire rating (1 – 3 hour for steel floor units and concrete topping, D900 Series Design)</li> </ul>		<ul> <li>Specifications:</li> <li>For 21/4 to 7 in. floor thickness</li> <li>UL installation spacing – minimum 2 ft. on center and not more than 1 per 65 sq. ft. of floor area</li> </ul>	3

#### **Service Fittings**

Description	Color	Catalog Number	Description	Color	Catalog Number
3-Service Furniture Feed Service Fitting	Black Gray Ivory	FRF3BK FRF3GY FRF3I	Single-Service Furniture Feed Service Fitting	Brass Finish Black Gray	FRF1BRS FRF1BK FRF1GY
<ul> <li>Complete assembled unit ind</li> <li>Aluminum cover with (2) ½ threaded hubs for low volt (1) ¾ in. threaded hub for</li> <li>Painted aluminum flange</li> </ul>	ź in age and		<ul> <li>Complete assembled unit inc.</li> <li>Aluminum cover with (1) Ke to accept a ¾ in. connector</li> <li>Painted aluminum flange</li> </ul>	C	

Note: See page Q-33 for 3 Inch FRPT accessories. See page Q-42 for technical information.

### Painted Pedestal FRPT 2 and 3 Inch Core Hole Units, for Use In Concrete Floors

#### 3 Inch Core Hole, Two-Piece Unit

#### 2 Inch Core Hole, Two-Piece Unit

Description	Catalog Number	Description	Catalog Number		
Large Capacity Multi-Service Pedestal Through-Floor Fitting with (1) 1¼ in. EMT stem for low voltage and (1) ½ in. EMT stem for power applications.	РТ7ХС	Multi-Service Pedestal Through-Floor Fitting with (1) ¾ in. EMT stem for low voltage and (1) ½ in. EMT stem for power applications.	PT27A		
<ul> <li>Specifications:</li> <li>1 – 4 hour fire rating (1 – 3 hour for steel floor units and concrete topping, D900 Series Design)</li> <li>For 21⁄4 in. to 7 in. floor thickness</li> <li>Approved for use in the City of Chicago</li> </ul>		<ul> <li>Specifications:</li> <li>1 – 4 hour fire rating (1 – 3 hour for steel floor units and concrete topping, D900 Series Design)</li> <li>For 2¼ in. to 7 in. floor thickness</li> <li>Approved for use in the City of Chicago</li> </ul>			

Note: See page Q-43 for technical information.

#### Pedestal Service Fittings (Order 1 plate per gang)

Description	Color/Material	Catalog Number	Description	Color	Catalog Number	Description	Color	Catalog Number
2-Gang	Alum. Finish Black Gray	FR280ALA FR280BKA FR280GYA	4-Gang	Black Gray	FR480BKA FR480GYA	6-Gang	Black Gray	FR680BKA FR680GYA
Use with PT2	7A only.		Use with P	T27A or PT	7XC.	Use with PT	27A or PT7X	С.
	, 5335,		**			8 10, 🥫	8	
	FR280BKA			FR4	80GYA		FR680	ВКА

• Painted aluminum housing with low voltage barrier(s); plates and devices sold separately

• For additional barriers, use FRBR1, see page Q-33.

• UL Listed and CSA Certified

Note: See page Q-43 for technical information.

#### Pedestal Face Plates (Order 1 plate per gang)

Description	Color/Material	Catalog Number		Description	Color/Material	Catalog Number	
Duplex	Black Gray	SS2309DBKA SS2309DGYA	.00,	Furniture feed (¾ in. KO)	Alum. Finish Black Gray	SS2309FALA SS2309FBKA SS2309FGYA	.0.
Style Line®/ GFCI	Black Gray	SS2309SLBKA SS2309SLGYA		Furniture feed (1 in. KO)	Black Gray	SS2309F1BKA SS2309F1GYA	. 0 .
Single receptacle (1.39 in. OD)	Black Gray	SS2309SBKA SS2309SGYA	·••·	Bushed data opening (1 in. ID)	Black Gray	SS2309TBKA SS2309TGYA	. 🛞 .
Blank	Alum. Finish Black Gray	SS2309BALA SS2309BBKA SS2309BGYA		<ul> <li>Painted alum</li> <li>UL Listed and</li> </ul>			



### Brushed Aluminum Pedestal FRPT 3 Inch Core Hole Two-Piece Units, for Use In Concrete Floors

Through-Floor Fitting	Pedestal Service Fitting			
Description	Catalog Number	Description	Color/Material	Catalog Number
Large Capacity Multi-Service Pedestal Through-Floor Fitting with (1) 1¼ in. EMT stem for low voltage and (1) ½ in. EMT stem for power applications.	РТ7ХС	2-Gang Pedestal Service Fitting For use with PT7XC only.	Brushed Aluminum	FR80AL
<ul> <li>Specifications:</li> <li>1 – 4 hour fire rating (1 – 3 hour for steel floor units and concrete topping, D900 Series Design).</li> <li>For 21/4 in. to 7 in. floor thickness.</li> <li>Approved for use in the City of Chicago.</li> </ul>	I	<ul> <li>Specifications:</li> <li>Brushed aluminum housing with low voltage barrier. Pla and devices sold separately</li> </ul>	ites	

Note: See pages Q-43 and Q-44 for technical information.

#### Plates

Description	Catalog Number		Description	Catalog Number	
Duplex	SS309D	, ,	Furniture feed (¾ in. KO)	SS309SF*	, Q,
Style Line <sup>®</sup> /GFCI	SS309DS	, ,	Furniture feed, blank	SS309BF*	
Single receptacle (1.39 in. OD)	SS309S	3000	Bushed data opening (1 in. ID)	SS309T	
Blank	SS309B	5 5	<ul> <li>302/304 stainless steel p (SS309SF and SS309BF</li> <li>UL Listed and CSA Certii</li> </ul>	are aluminum).	

Note: \*For furniture feed applications using SS309SF, a blank SS309BF must be used for second plate.

#### **3 Inch Core Hole FRPT Accessories**

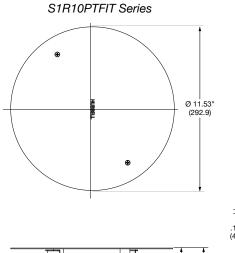
Description	Color	Catalog Number	Description	Color/Gang	Catalog Number
Flush FRPT Abandonment Plate Use with PT7FSD, PT73SD or PT71SD only. Covers the opening when FRPT is abandoned. Service fitting is removed and through-floor fitting remains.	Gray Ivory	AP2GY AP2I	<b>PT7XC Extension Kit</b> Extends PT7XC FRPT to accommodate between 7 in. and 13 in. floor thickness.	_	EXT13
Multi-Service Furniture Feed Replacement Inserts Use as a replacement cover for PT73FFSD series, or to convert installed PT7FSD series into furniture feed FRPTs. Includes (2) ½ in. threaded hubs for low voltage and (1) ¾ in. threaded hub for power. (UL Listed only.)	Gray Ivory	FF3GY FF3I	Pedestal FRPT Abandonment Plate Use with PT27A or PT7XC only. Covers the opening when FRPT is abandoned. Service fitting is removed and through- floor fitting remains.	Gray/ 2-gang Gray/ 4-gang	AP22
Replacement Low Voltage Barrier Use with FR280, FR480, and FR680 pedestal service fittings only when additional power/low voltage separation is required.		FRBR1			

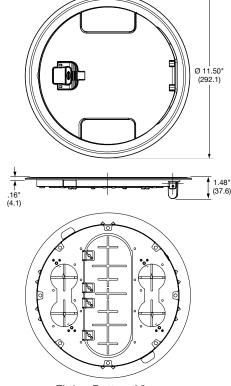
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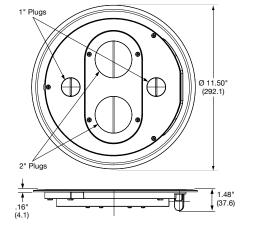
### Hubbell SystemOne Recessed 10 Inch Series

S1R10CVR Recessed Cover Series

#### S1R10CVRFF Cover Series







Wire

Size

(AWG)

#24

#23

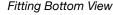
#22

#14

#12

#10

#8



#### **Product Information**

Ø 9.94 (252.6)

- Plated cast aluminum covers available in brass, nickel or bronze finishes. Additionally available in brushed aluminum or black and gray powder coat.
- S1R10PSPZ series sub-plates supplied with pre-wired dual 20A receptacles. Wired with three #12 AWG solid conductors.
- ٠ Receptacles can be wired as dual circuit and isolated ground.
- S1R10FFCVR series furnished with one (2) 1 in. to ¾ in. threaded reducer
- Meets ADA requirements for accessible design, "changes in level." ٠
- Meets UL 514A scrub water exclusion requirements.
- ٠
- COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3 in. (76) dia. mandrel at the center of the cover. Rated for static loads only.

#### **Application Data**

• Mounted in 10 in. (254.0) cored concrete diameter through hole.

- ٠ Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 2 hour rated D900 series floors.

Approved for use in the City of Chicago.

• Not intended to be used in high traffic installations and not intended to support furniture.

9.80 (248.9)

9 52 (241.8)

#### **UL Listed Wiring Capacity**

	S1R10PT Recessed S	eries	S1R10PT FF Series	
Fire Resistance Rating	2-Hrs. (D900)		2-Hrs. (D900)	
Max. Copper Cross Section	Center Chamber .0978 sq. in.	Perimeter Chambers (each) .0408 sq. in.	Each 1 in. Power Hub .1304 sq. in.	Each 2 in. Low Voltage Hub .0962 sq. in.

#### **UL Characteristics**

Listing	UL File Number	ULC File Number
Outlet Box	E31999	CEYYC
Fire Resistance	R8429	R8429
E : 4 44/ 01		

For use in 1, 1½ or 2 hour rated unprotected reinforced floors or in 1 or 2 hour rated floors employing steel floor units and concrete topping (D900 Series designs). UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

Note: The above product data pertains to both kitted units and through-floor fittings.

When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

.00512 sq. in. (3.303mm<sup>2</sup>)

.00815 sq. in. (5.258mm<sup>2</sup>)

.01296 sq. in. (8.361mm<sup>2</sup>)

Dimensions in Inches (mm)

Wire

Size (AWG)

#24

#23

#22

#14

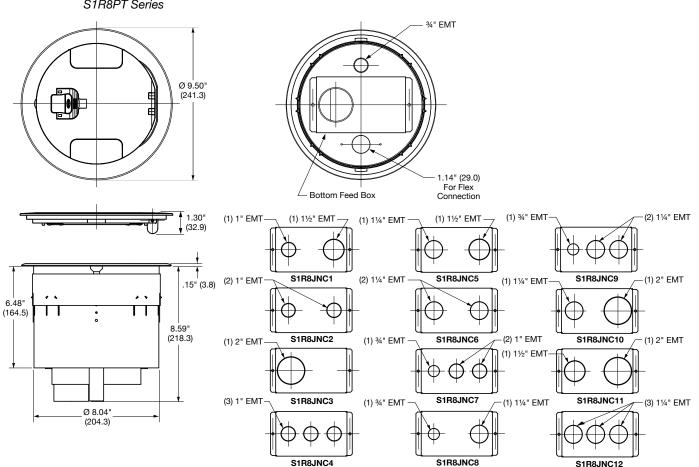
#12

#10

#8

### Hubbell SystemOne Recessed 8 Inch Series

S1R8PT Series



#### Product Information

- Plated cast aluminum covers available in brass, nickel or bronze finishes. Additionally available in brushed aluminum or black powder coat.
- S1R8PSPZ sub-plate supplied with pre-wired dual 20A receptacle. Wired with three #12 AWG solid conductors.
- Meets ADA requirements for accessible design, "changes in level."
- Meets UL 514A scrub water exclusion requirements.
- COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3 in. (76) dia. mandrel at the center of the cover. Rated for static loads only.

#### Application Data

- Mounted in 8 in. (203.2) cored concrete diameter through hole.
- Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 2 hour rated D900 series floors.
- Approved for use in the City of Chicago.
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	S1R8PT Series		
Fire Resistance Rating	2-Hrs. (D900)		
Max. Copper Cross Section	Perimeter Chambers (each) .0154 sq. in.	Center Chamber .0633 sq. in.	

#### **UL Characteristics**

Listing	UL File Number	ULC File Number	
Outlet Box	E31999	CEYYC	
Fire Resistance	R8429	R8429	
		R8429	_

For use in 1, 1½ or 2 hour rated unprotected reinforced floors or in 1 or 2 hour rated floors employing steel floor units and concrete topping (D900 Series designs). UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

Note: The above product data pertains to both kitted units and through-floor fittings.

When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

Dimensions in Inches (mm)

Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

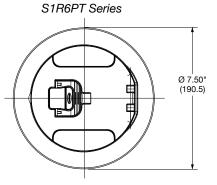
.00512 sq. in. (3.303mm<sup>2</sup>)

.00815 sq. in. (5.258mm<sup>2</sup>)

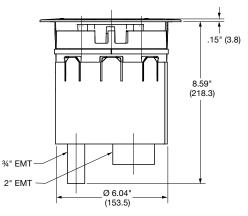
.01296 sq. in. (8.361mm<sup>2</sup>)

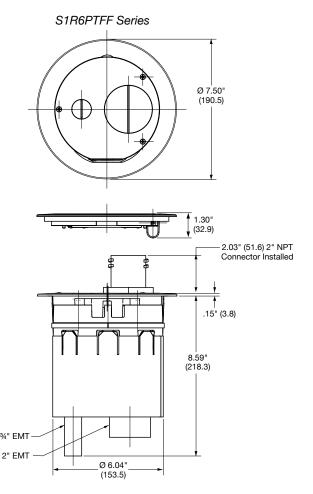


### Hubbell SystemOne Recessed 6 Inch Series









#### **Product Information**

- Plated cast aluminum covers available in brass, nickel or bronze finishes. Additionally available in brushed aluminum or black powder coat.
- S1R6SPZ sub-plate supplied with pre-wired dual 20A receptacle. Wired with three #12 AWG solid conductors.
- S1R6SPH sub-plate supplied with pre-wired guad 20A receptacle. Wired with six #12 AWG solid conductors.
- Receptacle can be wired as dual circuit and isolated ground.
- S1R6FFCVR series furnished with one (1) ¾ in. and one (1) 2 in. screw-in flexible metal conduit connectors.
- Meets ADA requirements for accessible design, "changes in level."
- Meets UL 514A scrub water exclusion requirements.
- COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3 in. (76) dia. mandrel at the center of the cover. Rated for static loads only.

#### **Application Data**

- Mounted in 6 in. (152.4) cored concrete diameter through hole.
- Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 2 hour rated D900 series floors.
- Approved for use in the City of Chicago.
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	S1R6PT Series		S1R6PTFF Series	
Fire Resistance Rating	2-Hrs. (D900)		2-Hrs. (D900)	
Max. Copper Cross Section	¾ in. Power EMT .0307 sq. in.	2 in. Low Voltage EMT .0348 sq. in.	¾ in. Power EMT .0815 sq. in.	2 in. Low Voltage EMT .0962 sq. in.

#### **UL Characteristics**

Listing	UL File Number	ULC File Number	
Outlet Box	E31999	CEYYC	
Fire Resistance	R8429	R8429	
Earling in 1, 114 or 0 hour retady inprotected reinforced floors or in 1 or 0 hour rated floors ampleving steal floor units and constrate tenning (D000 Carico designa)			

For use in 1, 1½ or 2 hour rated unprotected reinforced floors or in 1 or 2 hour rated floors employing steel floor units and concrete topping (D900 Series designs). UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

Note: The above product data pertains to both kitted units and through-floor fittings.

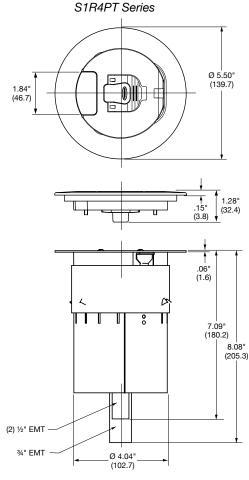
When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

2-36	
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Wire Size (AWG)	Copper Cross Sectional Area for Solid or Stranded Conductors
#24	.00032 sq. in. (.206mm²)
#23	.00040 sq. in. (.258mm²)
#22	.00050 sq. in. (.322mm²)
#14	.00323 sq. in. (2.083mm <sup>2</sup> )
#12	.00512 sq. in. (3.303mm²)
#10	.00815 sq. in. (5.258mm <sup>2</sup> )
# 8	.01296 sq. in. (8.361mm <sup>2</sup> )



### Hubbell SystemOne Recessed 4 Inch Series



#### **Product Information**

- Plated cast aluminum covers available in brass, nickel or bronze finishes. Additionally available in brushed aluminum, black or gray powder coat.
  \$1R4SPQUAD sub-plate supplied with pre-wired quad 20A receptacle. Wired with six #12 AWG solid conductors.
- Receptacle can be wired as dual circuit and isolated ground.
- Meets ADA requirements for accessible design, "changes in level."
- Meets UL 514A scrub water exclusion requirements.
- COVER LOAD RATING: 1,000 lbs with 2x safety factor. Load applied through a 3 in. (76) dia. mandrel at the center of the cover. **Rated for static loads only.**

#### **Application Data**

- Mounted in 4 in. (101.6) cored concrete diameter through hole.
- Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 2 hour rated D900 series floors.
- Approved for use in the City of Chicago.
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	S1R4PT Series	
Fire Resistance Rating	2-Hrs. (D900)	
Max. Copper Cross Section	¾ in. Power EMT .0408 sq. in.	½ in. Low Voltage EMT .008 sq. in.

#### **UL Characteristics**

Listing	UL File Number	ULC File Number	
Outlet Box	E31999	CEYYC	
Fire Resistance	R8429	R8429	

For use in 1, 1½ or 2 hour rated unprotected reinforced floors or in 1 or 2 hour rated floors employing steel floor units and concrete topping (D900 Series designs). UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

Note: The above product data pertains to both kitted units and through-floor fittings. When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

Dimensions in Inches (mm)

Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

.00512 sq. in. (3.303mm<sup>2</sup>)

.00815 sq. in. (5.258mm<sup>2</sup>)

.01296 sq. in. (8.361mm<sup>2</sup>)

Wire

Size

(AWG)

#24

#23

#22

#14

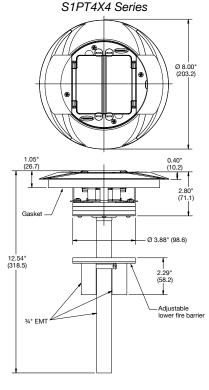
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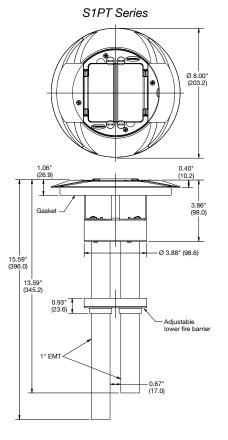
#10

#8



### Hubbell SystemOne Flush 4 Inch Series





Wire

Size

(AWG)

#24

#23

#22

#14

#12

#10

# 8

#### **Product Information**

- Powder coat cast aluminum cover and flange (color finish options: aluminum, brass, black, gray and ivory).
- Hubbell SystemOne universal cover meets ADA requirements for accessible design, "changes in level."
- S1SP4X4 sub-plate supplied with pre-wired, molded, four position 20A, 125V, black receptacle, NEMA 5-20R.
- S1SP4X4 wired with six thermally protected #14 AWG THHN stranded copper conductors, receptacle can be wired as dual-circuit and isolated ground.
- S1SP4X4 accepts four (4) Hubbell HXJ6, HXJ5E, HXJU; category 6A, 6, 5e, and USOC, and flush series jacks.
  S1SP sub-plate accepts two (2) 15A or 20A Style Line<sup>®</sup> decorator receptacles, Style Line<sup>®</sup> data frames, and/or one (1) GFCI or surge receptacle.

#### **Application Data**

- Mounted in 4 in. (101.6) cored concrete diameter through hole.
- Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 4 hour rated D900 series floors.
- Approved for use in the City of Chicago.
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	S1PT4X4 Series	S1PT Series
Fire Resistance Rating	4-Hrs. (D900)	4-Hrs. (D900)
Max. Copper Cross Section	% in. Power EMT .0307 sq. in.	1 in. Power EMT .0307 sq. in.
	¾ in. Low Voltage EMT .016 sq. in.	1 in. Low Voltage EMT .024 sq. in.

#### **UL Characteristics**

Listing	UL File Number	ULC File Number
Outlet Box	E31999	CEYYC
Fire Resistance	R8429	R8429
Earling in 1 116 0 2 or 4 h	our retad upprotected reinforced concr	ate fleere or in 1, 114, 0, or 2 hour retad fleere ampleuing steel form units and constate tenning

For use in 1, 1½, 2, 3, or 4 hour rated unprotected reinforced concrete floors or in 1, 1½, 2, or 3 hour rated floors employing steel form units and concrete topping (D900 Series designs), or concrete floors with suspended ceilings.

Note: The above product data pertains to both one-piece units, three-piece units and through-floor fittings. When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

Dimensions in Inches (mm)



Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

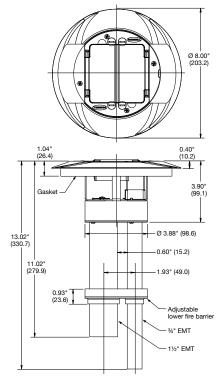
.00512 sq. in. (3.303mm<sup>2</sup>)

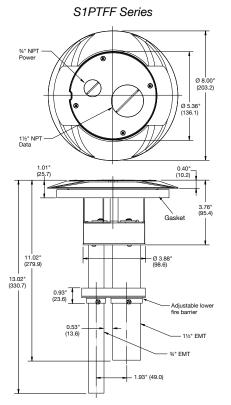
.00815 sq. in. (5.258mm<sup>2</sup>)

.01296 sq. in. (8.361mm<sup>2</sup>)

### Hubbell SystemOne Flush 4 Inch Series

S1PTAVFIT and S1PT3IM Series





Wire

Size

(AWG)

#24 #23

#22

#14

#12

#10

# 8

Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

.00512 sq. in. (3.303mm<sup>2</sup>)

.00815 sq. in. (5.258mm<sup>2</sup>)

.01296 sq. in. (8.361mm<sup>2</sup>)

#### **Product Information**

- Powder coat cast aluminum cover and flange (color finish options: aluminum, brass, black, gray and ivory).
- Hubbell SystemOne universal cover meets ADA requirements for accessible design, "changes in level."
- S1PTFF series aluminum conduit insert cover with one (1) ¾ in. and one (1) 1½ in. die-cast threaded plugs.
- S1PTFF series furnished with one (1) ¾ in. and one (1) 1½ in. screw-in flexible metal conduit connectors.
- S1PT3IM series sub-plate supplied with pre-wired single 20A 125V black receptacle, NEMA 5-20R.
- S1PT3IM wired with three #12 AWG THHN stranded copper conductors.
- S1PT3IM sub-plate also accepts three unit recessed Hubbell iSTATION; 15-Pin VGA, RCA, S-Video, 3.5 mm stereo and XLR microphone jacks.
- Meets UL 514A scrub water exclusion requirements.

#### **Application Data**

- Mounted in 4 in. (101.6) cored concrete diameter through hole.
- Minimum floor thickness: 21/4 in. (57.2).
- UL Listed for fire resistance in 1 4 hour rated D900 series floors.
- Approved for use in the City of Chicago.
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	S1PTAVFIT and S1PT3IM Series	S1PTFF Series		
Fire Resistance Rating	4-Hrs. (D900)	4-Hrs. (D900)		
Max. Copper Cross Section	¾ in. Power EMT .0307 sq. in.	¾ in. Power EMT .072 sq. in.	1½ in. Low Voltage EMT .100 sq. in.	
	1½ in. Low Voltage EMT .048 sq. in.			

#### **UL Characteristics**

Listing	UL File Number	ULC File Number
Outlet Box	E31999	CEYYC
Fire Resistance	R8429	R8429
For use in 1, 1½, 2, 3, or 4	hour rated unprotected reinforced conc	rete floors or in 1, 11/2, 2, or 3 hour rated floors employing steel form units and concrete topping

(D900 Series designs), or concrete floors with suspended ceilings.

Note: The above product data pertains to both one-piece units, three-piece units and through-floor fittings.

When connecting0 conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

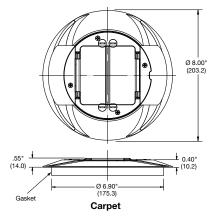


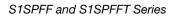
Ø 5.62 (142.7)

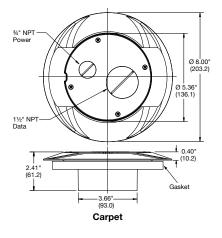
⊥\_<sub>0.47"</sub> →<sup>(11.9)</sup>

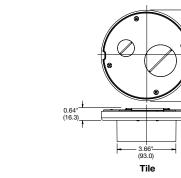
### Hubbell SystemOne Flush 4 Inch Series

S1CFC and S1TFC Series









#### **Product Information**

0.64" (16.3)

- Powder coat cast aluminum cover and flange (color finish options: aluminum, brass, black, gray and ivory).
- Hubbell SystemOne universal cover meets ADA requirements for accessible design, "changes in level."

Ø 5.62" (142.7)

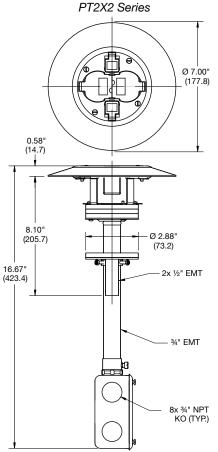
> ± 0.47" - (11.9)

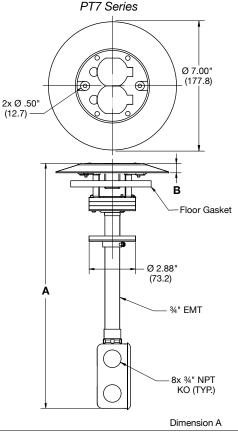
- S1SPFF and S1SPFFT series aluminum conduit insert cover with one (1) ¾ in. and one (1) 11/2 in. die-cast threaded plugs.
- S1SPFF and S1SPFFT series furnished with one (1) 1/2 in. screw-in flexible metal conduit connectors.
- Meets UL 514A scrub water exclusion requirements.

Tile



### Hubbell 3 Inch Series





Series	Dimension A	Dimension B
Thermoplastic cover with aluminum flange.	13.24 in. (336.2)	.51 in. (13.0)
Brass cover and flange.	13.20 in. (335.2)	.49 in. (12.4)

#### Product Information

- PT7 series supplied with flush thermoplastic cover with matching painted aluminum flange (black, brown, gray, ivory) or solid brass cover and flange.
- PT2X2 series supplied with Hubbell pre-wired HBL2162BK; black Stye Line® or IG2162 (isolated ground) receptacle, NEMA 5-20R, 20A, 125V.
- PT2X2 series supplied with two (2) Hubbell HXJ6BK black jacks; category 6, UL Listed, 110 type contacts.
- PT7 series supplied with Hubbell pre-wired HBL5352 or IG5362 (isolated ground) series receptacle, NEMA 5-20R, 20A, 125V.
- PT7 series supplied with two (2) ½ in. low voltage feed through holes. Two (2) feed through bushings
- supplied (cover will not accept data jacks). Wire Copper Cross Sectional Area for Solid or Stranded Wired with three (3) #12 AWG THHN stranded copper conductors. Size • Supplied with 13.0 cu. in. junction box having eight (8) <sup>3</sup>/<sub>4</sub> in. knockouts. (AWG) Conductors #24 .00032 sq. in. (.206mm<sup>2</sup>) #23 .00040 sq. in. (.258mm<sup>2</sup>) Application Data #22 .00050 sq. in. (.322mm<sup>2</sup>) • Mounted in 3 in. (76.2) cored concrete diameter through hole. #14 .00323 sq. in. (2.083mm<sup>2</sup>) • Floor thickness range: 21/4 to 7 in. (57.2 to 177.8). #12 .00512 sq. in. (3.303mm<sup>2</sup>) UL Listed for fire resistance in 1 – 4 hour rated floors. Approved for use in the City of Chicago (PT2X2 series). #10 .00815 sq. in. (5.258mm<sup>2</sup>) Not intended to be used in high traffic installations and not intended to support furniture. #8 .01296 sq. in. (8.361mm<sup>2</sup>)

#### **UL Listed Wiring Capacity**

<b>-</b>	,			
	PT2X2 Series		PT7 Series	
Fire Resistance Rating	4-Hrs. (D900)		4-Hrs. (D900)	
Max. Copper Cross Section	¾ in. Power EMT .0155 sq. in.	½ in. Data EMT .0026 sq. in.	¾ in. Power EMT .0155 sq. in.	Low Voltage EMT .0250 sq. in.

#### **UL Characteristics**

Listing	UL File Number	ULC File Number	
Outlet Box	E31999	CEYYC	
Fire Resistance	R8429	R8429	

For use in 1, 1½, 2, 3 or 4 hour rated unprotected reinforced floors or in 1, 2, or 3 hour rated floors employing steel floor units and concrete topping (D900 Series designs). UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

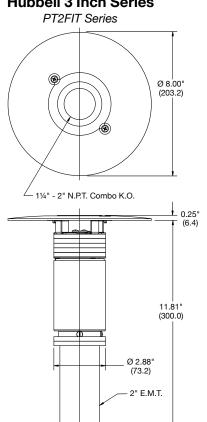
Note: When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

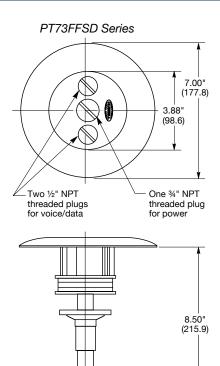
The above product data pertains to both one-piece units and through-floor fittings.

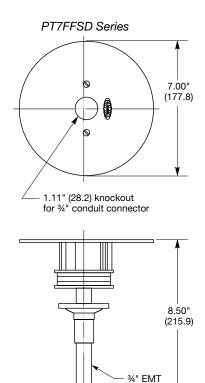
Complies with UL514/

ը(Սլ)<sub>ՍՏ</sub>









Wire

Size

(AWG)

#24

#23

#22

#14

#12

#10

#8

#### **Product Information**

#### PT2FIT series

- Flush aluminum service fitting with epoxy paint finish (gray, black and brass finish).
- Aluminum conduit cover with 2.47 in. (62.7) and 1.74 in. (44.2) combination knockouts to accept a 2 in. or 11/4 in. NPT flexible metal conduit connector.

34" FMT

#### PT73FFSD series

- Flush painted aluminum service fitting and carpet flange (color finish options: black, gray and ivory).
- Aluminum conduit insert cover with one (1) ¾ in. and two (2) ½ in. die-cast threaded plugs.
- Supplied with one (1) <sup>3</sup>/<sub>4</sub> in. and two (2) <sup>1</sup>/<sub>2</sub> in. screw-in flexible metal conduit connectors.

#### PT73FFSD series

- Flush aluminum service fitting with epoxy paint finish (color finish options: gray, ivory and brass finish).
- Aluminum conduit cover with 1.11 in. (28.2) knockout to accept a ¾ in. NPT flexible metal conduit connector.

#### **Application Data**

- Mounted in 3 in. (76.2) cored concrete diameter through hole.
- Floor thickness range: 21/4 in. to 7 in. (57.2 to 177.8). ٠
- PT2FIT series has single-service, power or data.
- UL Listed for fire resistance in 1 2 hour (PT2FIT series) rated floors.
- UL Listed for fire resistance in 1 4 hour (PT73FFSD and PT7FFSD series) rated floors.
- Approved for use in the City of Chicago (PT2FIT series).
- Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

	PT2FIT Series	PT73FFSD Series	PT7FFSD Series	
Fire Resistance Rating	2-Hrs. (D900)	4-Hrs. (D900)	4-Hrs. (D900)	
Max. Copper Cross Section	2 in. EMT	34 in. EMT 1/2 in. Feed Through	¾ in. EMT	
	.0922 sq. in.	.0470 sq. in0250 sq. in.	.0500 sq. in.	

#### **UL Characteristics**

Listing	UL File Number	ULC File Number	
Outlet Box	E31999	CEYYC	
Fire Resistance	R8429	R8429	
For use in 1, 11%, or 2 hour rated unprotected reinforced floors or in 1 or 2 hour rated floors employing steel floor units and concrete topping (DQ00 Series designs)			

or 2 nour raled unprol ed reiniorced lioors or in 1 or 2 nour raled ovina sle l lloor units and concrete topping (L UL Spacing Restrictions - Minimum of 2 ft. on center and not more than one unit per each 65 square feet of floor area in each span.

Note: The above product data pertains to both one-piece units and through-floor fittings.

When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

Dimensions in Inches (mm)



Copper Cross Sectional

Conductors

Area for Solid or Stranded

.00032 sq. in. (.206mm<sup>2</sup>)

.00040 sq. in. (.258mm<sup>2</sup>)

.00050 sq. in. (.322mm<sup>2</sup>)

.00323 sq. in. (2.083mm<sup>2</sup>)

.00512 sq. in. (3.303mm<sup>2</sup>)

.00815 sq. in. (5.258mm<sup>2</sup>)

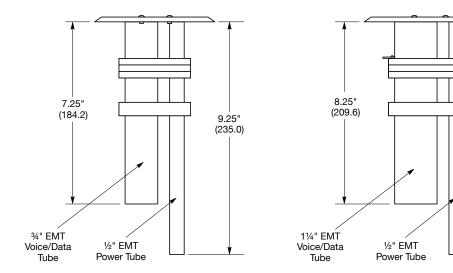
.01296 sq. in. (8.361mm<sup>2</sup>)

10.25"

(260.4)

#### Pedestal FRPT Series

Pedestal Fitting Series



Applications	PT27A	PT7XC
Mounting	2 in. (50.8) diameter hole.	3 in. (76.2) diameter hole.
Floor Thickness Range	2¼ in. to 7 in. (57.2 to 177.8)	2¼ in. to 7 in. (57.2 to 177.8)
Fire Rating	For use in 1, 1½, 2, 3 or 4 hour rated unprotected reinforced concrete floors or in 1, 2 or 3 hour rated employing steel floor units and concrete topping (D900 series design).	For use in 1, 1½, 2, 3 or 4 hour rated unprotected reinforced concrete floors or in 1, 2 or 3 hour rated floors employing steel floor units and concrete topping (D900 series design).
Service Pedestal Options	FR280, FR480, FR680 Series.	FR480 and FR680 Series.

Note: Not intended to be used in high traffic installations and not intended to support furniture.

#### **UL Listed Wiring Capacity**

Power Wiring Capacity	½ in. EMT power tube		½ in. EMT power tube		
	Handles:	Handles:		Handles:	
	Up to ten #12 AWG type THHN wires, or		Up to ten #12 AWG type THHN wires, or		
	Up to six #12 AWG and two #10 AWG type THHN wires.		Up to six #12 AWG and two #10 AWG type THHN wires.		
Voice/Data Wiring Capacity	% in. EMT low-voltage tube Handles:		1¼ in. EMT low-volta	age tube	
			Handles:		
	Up to two 25 pair tel./data cables		Up to four 25 pair tel./data cables		
	(100 #22 AWG tel./data conductors), or		(200 #22 AWG tel./data conductors), or		
	Up to two IBM Type 2 data cables.		Up to five IBM Type	2 data cables and	
			four 8-conductor tel.	/data cables.	
Total Allowable	½ in. Power EMT	¾ in. Low Voltage EMT	1/2 in. Power EMT	1½ in. Low Voltage EMT	
Copper Cross-Sectional Area	.0461 sq. in.	.0500 sq. in.	.0461 sq. in.	.1000 sq. in.	

When conductors larger than #22 AWG are used, the total cross-sectional area of the copper conductors shall not exceed the total cross-sectional area of the #22 AWG conductors permitted in the low voltage compartment.

Note: When connecting conduit sweeps to through-floor fittings, ensure compliance with NEC fill tables.

#### **UL Characteristics**

Listing	UL File Number	UL File Number	
Outlet Box	E31999	E31999	
Fire Resistance	R8429	R8429	
For use in 1, 1½, 2, 3, or 4 hour rated unprotected reinforced concrete floors or in 1, 2 or 3 hour rated floors employing steel floor units and concrete topping (D900 Series designs).			

UL Spacing Restrictions - Minimum of 2 ft. O.C. and not more than one unit per each 65 sq. ft. of floor area in each span.

#### Chicago Approved

Catalog Number	City of Chicago File Number		
PT27A, PT7XC	5587E		
These through-floor fittings are approved for the City of Chicago. Installation requires a plenum-rated 1900 series box or a handy box with gasketed cover.			

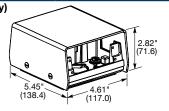
These through-licor littings are approved for the City of Chicago. Installation requires a pienum-rated 1900 series box or a handy box with gasketed cover. These boxes are to be affixed with compression gland-type connectors.

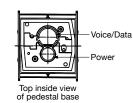
#### **Pedestal FRPT Series**

Painted and Brushed Aluminum Series

#### **Dimensions**

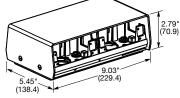
2-Gang – FR280 Series (Use with PT27A Only)

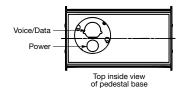




Total Cubic Inch Capacity (Single-Service)	39.00 in. (638.8cm <sup>3</sup> )		
Cubic Inch Capacity	Power	19.5 in. (319.4cm <sup>3</sup> )	
(when divided for multi-service)	Voice/Data	19.5 in. (319.4cm <sup>3</sup> )	
Service Pedestal Construction	Heavy gauge galvanized steel frame with aluminum housing and face plates.		
Pedestal Finish	Textured black or gray epoxy paint.		

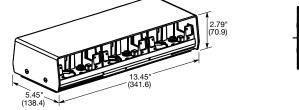
#### 4-Gang – FR480 (Use with PT27A or PT7XC)

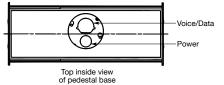




Total Cubic Inch Capacity (Single-Service)	78.00 in. (12 <sup>-</sup>	77.6cm³)	
Cubic Inch Capacity	Power	39.00 in. (638.8cm <sup>3</sup> )	
(when divided for multi-service)	Voice/Data	39.00 in. (638.8cm <sup>3</sup> )	
Service Pedestal Construction	Heavy gauge galvanized steel frame with aluminum housing and face plates.		
Pedestal Finish	Textured black or grav epoxy paint.		

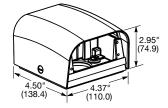
#### 6-Gang – FR680 (Use with PT27A or PT7XC)

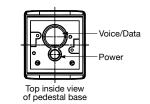




Total Cubic Inch Capacity (Single-Service)	117.00 in. (19	16.4cm <sup>3</sup> )	
Cubic Inch Capacity	Power	58.5 in. (958.2cm <sup>3</sup> )	
(when divided for multi-service)	Voice/Data	58.5 in. (958.2cm <sup>3</sup> )	
Service Pedestal Construction	Heavy gauge galvanized steel frame with aluminum housing and face plates.		
Pedestal Finish	Textured black or gray epoxy paint.		

#### 2-Gang – FR80AL (Use with PT7XC Only)





Total Cubic Inch Capacity (single service)	33.00 in. (54	0.9 cu cm <sup>3</sup> )
Cubic Inch Capacity	Power	8.80 in. (144.2cm <sup>3</sup> )
(when divided for multi-service)	Voice/Data	26.70 in. (437.6cm <sup>3</sup> )
Service Pedestal Construction	Heavy gauge aluminum frame with satin anodized aluminum housing with 302/304 stainless steel face plates.	
Pedestal Finish	Brushed.	