## Section L Floor and Wall Boxes

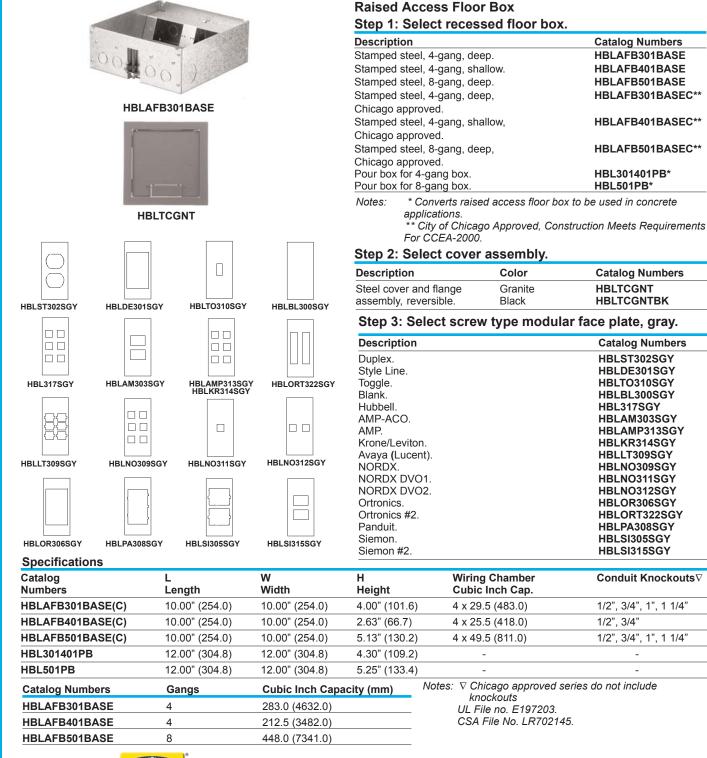
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## Floor and Wall Boxes **Raised Access Floor Boxes**

Hubbell offers a complete line of recessed stamped steel floor boxes for raised floor applications. These multiservice boxes are available in four or eight gang options and utilize modular face plates. Single gang face plate options include blank, toggle, Style Line®, duplex and various manufacturers' data openings. The reversible metallic cover/flange assembly features a large cable door to provide ample room for exiting cables. Pour boxes are also available to allow raised access floor boxes to be used in concrete slab-on-grade applications. All Hubbell raised access floor boxes are acceptable for use in environmental air handling spaces other than ducts or plenums per NEC article 300.22(C) other space used for environmental air and are UL Listed.



L-2

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NEW **Consult factory** 

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Concealed 3-Service

#### **Concealed 3-Service Floor Box** . A. Oalast fla

Step 1: Select floor box.	
Description	Catalog Numbers
Stamped steel (fully adjustable). Cast iron (fully adjustable).	3SFBSS 3SFBC

Each floor box is supplied with (1) 3SFBRP duplex plate and (1) 3SFBTP Notes: voice/data service plate (devices excluded). Each floor box is also furnished with a wiring tunnel to allow for the wiring of (2) receptacles in the same circuit.

#### Step 2: Select flush cover & carpet flange.

Description	Color	Catalog Numbers
Thermoplastic (ABS) cover and flange assembly with heavy gauge steel plate.	Brown Gray Ivory Black	3SFBCBRA 3SFBCGYA 3SFBCIA 3SFBCBKA



ScrubShield 🖲 🏵

**Complies with UL514A** 

**3SFBSS** 



#### Step 3: Select service plates (optional).

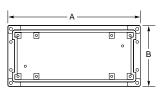
Description	Catalog Numbers
Duplex opening.	3SFBRP
Voice/Data: 2 jack knockouts, .60" x .75" (15.2 x 19.1).	3SFBTP
Blank.	3SFBB
Single receptacle opening - boss	3SFBS
diameter 1.36" to 1.39" (34.5 to 35.3).	
Style Line® opening.	3SFBDS



#### Dimensions

Dimensions in Inches (mm)		Adjustability		Cubic Inch Capacity (cm <sup>3</sup> )		Conduit KO's		Conduit Hubs (NPT)			
Catalog Numbers	A Length	B Width	C Height	Before Pour Adj.	After Pour Adj.	Total	Per Wiring Chamber	Opposite Ends	Opposite Sides	Opposite Ends	Opposite Sides
3SFBSS	12.25" (311.2)	5.50" (139.7)	2.88" (73.0)	1.25" (31.8)	.44" (11.1)	133.90 (2194.2)	22.40 (367.1)	one 1"	two <sup>3</sup> / <sub>4</sub> ", one 1" & 1 <sup>1</sup> / <sub>4</sub> " combination	-	-
3SFBC	12.88" (327.0)	6.00" (152.4)	3.00" (76.2)	1.25" (31.8)	.44" (11.1)	133.10 (2181.1)	21.60 (354.0)	-	-	one 11/4"	two <sup>3</sup> / <sub>4</sub> " & one 1 <sup>1</sup> / <sub>4</sub> "

Minimum Depth of Pour: 3.00" (76.2) UL File No.: E31999. CSA File No.: LR18416.







**3SFBCIA** 



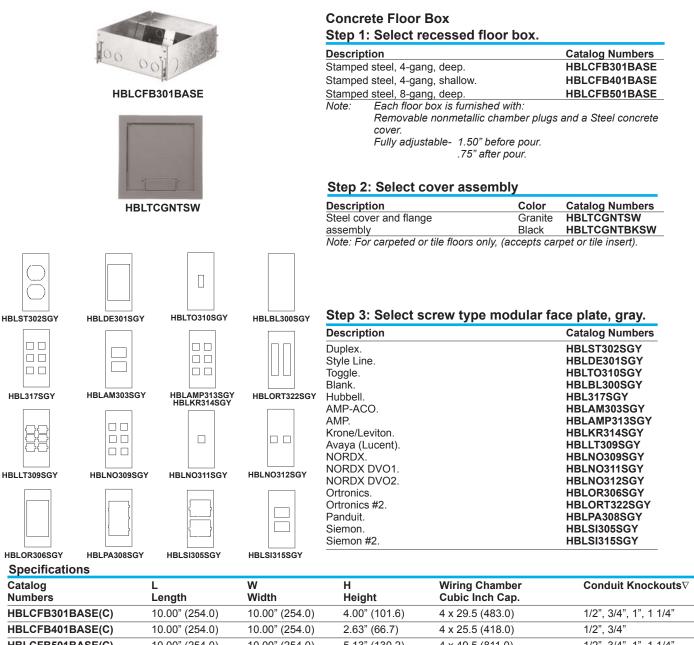
**3SFBCBRA** 



HUBBELL

### Floor and Wall Boxes Concrete Recessed Floor Boxes

Hubbell offers a complete line of recessed stamped steel floor boxes for installation in concrete floor applications. These multi-service boxes are available in four or eight gang options and utilize modular face plates. Single gang face plate options include blank, toggle, Style Line<sup>®</sup>, duplex and various manufacturers' data openings. Metallic cover/flange assembly features a large cable door to provide ample room for exiting cables. Hubbell concrete floor boxes are UL Listed for carpeted or tile applications.



HBLCFB501BASE(C) 10.00" (254.0) 10.00" (254.0) 5.13" (130.2) 4 x 49.5 (811.0) 1/2", 3/4", 1", 1 1/4" Note:  $\nabla$  Chicago approved series do not include knockouts. Gangs **Cubic Inch Capacity (mm)** Catalog Numbers knockouts 4 HBLCFB301BASE 283.0 (4632.0) UL File no. E197203. CSA File No. LR702145. 4 HBLCFB401BASE 212.5 (3482.0) HBLCFB501BASE 8 448.0 (7341.0)



(UL) (SP:

<u>ScrubShield</u>

### Floor and Wall Boxes **Concrete Recessed Floor Boxes**

Large Capacity

Hubbell recessed multi-service floor boxes offer unsurpassed capacity while maintaining separation of power from low voltage cables. Service flexibility is unparalleled with blank face plates enhancing your options for future applications.

#### Large Capacity Floor Box Step 1: Select floor box.

Descrij	Catalog Numbers	
Stampe	ed steel (fully adjustable).	LCFBSSA
Cast iron (fully adjustable).		LCFBCA
Note:	Each floor box is furnished with remove	ble non-metallic chamber plugs for

internal wire routing between chambers.

#### Step 2: Select flush cover & flange. **Option A - Carpet application.**

Description	Color	Catalog Numbers
Metallic cover, flange and cable doors.	Brass Finish Aluminum Finish Gray Black	LCFBCBRSC LCFBCALC LCFBCGYC LCFBCBKC
Reinforced nylon cover with thermoplastic (ABS) flange and cable doors.	Brown Gray Ivory Black	LCFBCBRA LCFBCGYA LCFBCIA LCFBCBKA

Option B - Tile application.		
Description	Color	Catalog Numbers
Metallic cover, and cable doors.	Brass Finish Aluminum Finish Gray Black	LCFBCBRST LCFBCALT LCFBCGYT LCFBCBKT

#### Step 3: Select service plates.

Six nylon face plates required (gray).	
Description	Catalog Numbers
Duplex opening.	LCFBP8
Style Line <sup>®</sup> opening.	LCFBP26
Single receptacle opening - Boss Dia. 1.55" to 1.58" (39.4-40.1).	LCFBP720
Blank	LCFBP14

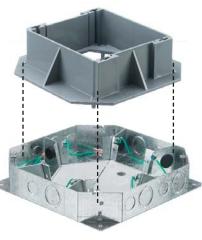
#### **Dimensions**

	Dimen	A	djustabilit	у				
Catalog	L	w	W H			re		
Numbers	Length	Width	l.	Height	Pour	Adj.		
LCFBSSA	12.5"	12.5"		3.25"	1.25"			
	(317.5)	(317.	5)	(82.6)	(31.8	)		
LCFBCA	13.0"	13.0"		3.25"	1.25"			
	(330.2)	(330.2	2)	(82.6)	(31.8	)		
Conduit KO's Conduit Hubs (NPT)							IPT)	
Catalog	Chambers	Cha	Chambers Cha		Chambers Cham			
Numbers	B, E	Α, Ο	A, C, D, F			A, C,	A, C, D, F	
LCFBSSA	one 3/4" and	one	one 3/4" and					
	one 1" & 11/4"	one	e 1" & 1¼"					
	combination	con	nbination					
LCFBCA	_	-	_	on	e ³/₄" and	one 3/	₄" and	
	-	-	-	on	e 1¼"	one 1	1/4"	
		Cubic I	nch Capaci	ity (cm <sup>3</sup> )				
Catalog								
Numbers	Α	В	С	0	)	E	F	
LCFBSSA	38.2	25.4	38.2	3	8.2	25.4	38.2	
	(626.2)	(416.4)	(626.2)	(	626.2)	(416.4)	(626.2)	
LCFBCA	36.8	25.4	36.8	3	86.8	25.4	36.8	
	(603.3)	(416.4)	(603.3)	(	603.3)	(416.4)	(603.3)	

Device Access Area:124.6 in<sup>2</sup> (2042.6cm<sup>2</sup>) **Overall Volume:** 

LCFBSSA: 328.2 (5380.3) UL File No: E31999 LCFBCA: 322.6 (5288.5) CSA File No: LR18416 Minimum depth of pour: LCFBCA- 3.65" (92.7), LCFBSSA- 3.50" (88.9)





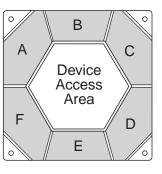
**LCFBSSA** 



**LCFBCGYA** 



LCFBP720 LCFBP14



Wiring Device-Kellems

Floor and Wall Boxes

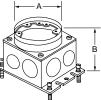




## Floor and Wall Boxes Round Cast Iron

Hubbell round floor boxes are the all-around answer for a wide variety of installations and applications. Fully or semi-adjustable. Choose the materials, capacity and cover that's right for your application. Don't forget to check the important dimensional information.

#### For Concrete Floors







Deen Cast Iron





Shallow Cast Iron

ScrubShield

Complies with UL514A

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Deep Cast Iron							Sna	llow Cast Ir	on
Catalog Numbers (Single Service Only)	B2536*	B253641	B2506	B2506415	B2503	B2519	B2537*	B2520	B2524▲✦
Min. Depth of Pour -	3.75"	3.75"	4.75"	4.75"	3.75"	3.00"	3.00"	3.00"	2.00"
Inches (mm)	(95.3)	(95.3)	(120.7)	(120.7)	(95.3)	(76.2)	(76.2)	(76.2)	(50.8)
Adjustability (Fully, Semi, Non)	Fully	Fully	Fully	Fully	Fully	Fully	Fully	Fully	Semi
Before Pour External He Adjustment - Inches (mr		1.25" (31.8)	-	-	-	-	1.25" (31.8)	-	1.25" (31.8)
After Pour Internal Heigh Adjustment - Inches (mr		.38" (9.5)	.63" (15.9)	.63" (15.9)	. 63" (15.9)	.63" (15.9)	.38" (9.5)	.25" (6.4)	-
Cubic Inch Capacity (cm <sup>3</sup> )	33.00 (540.8)	33.00 (540.8)	50.80 (832.5)	50.80 (832.5)	36.00 (589.9)	20.00 (327.7)	33.00 (540.8)	16.80 (275.3)	14.50 (237.6)
Dimensions - A Inches (mm)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	3.75" (95.3)
Dimensions - B <sup>(†)</sup> Inches (mm)	3.09" (78.6)	3.09" (78.6)	4.75" (120.7)	4.75" (120.7)	3.75" (95.3)	3.00" (76.2)	2.81" (71.4)	2.63" (66.7)	2.00" (50.8)
Threaded Conduit Hub Sizes	<sup>3</sup> /4" four way	1" four way	1 <sup>1</sup> /4" four way	1 <sup>1</sup> /2" four way	<sup>3</sup> / <sub>4</sub> " four way	<sup>3/4</sup> " four way & two <sup>3/4</sup> " bottom	<sup>3/</sup> 4" four way	<sup>3</sup> / <sub>4</sub> " four way & two <sup>3</sup> / <sub>4</sub> " bottom	<sup>3/4</sup> " four way
Brass Covers (Suitable for use on tile or carpeted floors)			S2525* S2725* S2925* S3325	S3725* S3525 S3925*	SF2525 SF3925 SF2925 SF2725	1		+	S2530 S2730 S2930▲
Carpet Flanges (if required)	6.25" 5	Diameter 5.25" 133.4)		"SA" prefix for		adapter rings. Us	e "BA" prefix fo	r floor boxes,	
Brass Aluminum Clear Polycarbonate	- 5	53182 5A3182 53079	S3082	✦ Compact Se (†) Dimension	eries Floor Box. B represents the	minimum dimen		se screws.	
Brass Round Individu	al Covers				Brass One	Piece Cove	er & Carpet	Flange C	overs for B2524
Diameter 3.88" (98.6)	21/8" 23/8	" for single 2"	S3325 <sup>1/8</sup> " single razzo floors)		6.2	58.8)	ex flap Com		(0) S2530 2 1/8° x 3/4° Combination (0) S2730

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.

S2525

Combination 21/8" x 3/4"

S3925\*

Duplex flap

S3725

Duplex screw 11/2" x 11/2" S2725

ombination 21/8" x 1"  $\Theta$ 

SF2525

Combination 21/8" x 3/4"

SF2925

2<sup>1</sup>/8" single receptacle **S2730** 2 1/8" x1" Combination

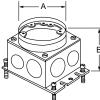
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S2930

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# Floor and Wall Boxes Round Stamped Steel





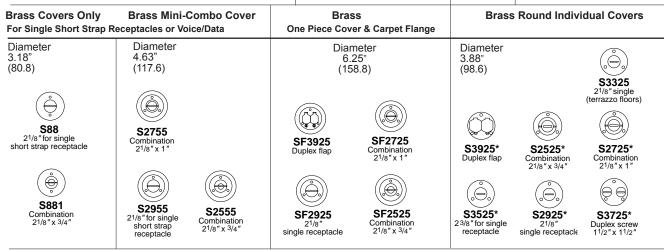






L	Commont Oto		Chan dand Channes		
	Compact Sta Deep	Shallow	Standard Stamped Deep	Shallow	
Catalog Numbers (Single Service Only)	B88D+	B88S+	B2527*	B2529*	
Min. Depth of Pour Inches (mm)	3.00" (76.2)	2.50" (63.5)	4.00" (101.6)	3.00" (76.2)	
Adjustability (Fully, Semi, Non)	Fully	Fully	Fully	Fully	
Before Pour External Height Adjustment - Inches (mm)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	
After Pour Internal Height Adjustment - Inches (mm)	.44" (11.1) up .25" (6.3) down	.44" (11.1) up .25" (6.3) down	.38" (9.5)	.38" (9.5)	
Cubic Inch Capacity (cm <sup>3</sup> )	23.50 (385.1)	19.00 (311.4)	54.00 (884.9)	37.30 (611.2)	
Dimensions - A Inches (mm)	3.31" (84.1)	3.31" (84.1)	4.19" (106.4)	4.19" (106.4)	
Dimensions - B <sup>(†)</sup> Inches (mm)	3.00" (76.2)	2.50" (63.5)	3.88" (98.6)	2.91" (73.9)	
Knockouts - Opposite Sides	one 1"	one 1/2"	one 1" & one <sup>3</sup> /4"	two <sup>1</sup> /2" & one <sup>3</sup> /4"	
Knockouts - Opposite Ends	one 3/4"	one 3/4"	one 1 <sup>1</sup> /4" & one <sup>3</sup> /4"	one 1/2" & one 1/2"	
Knockouts - Bottom	three <sup>1</sup> /2" & two <sup>3</sup> /4"	three <sup>1</sup> /2" & two <sup>3</sup> /4"	three <sup>1</sup> /2" & two <sup>3</sup> /4"	three <sup>1</sup> /2" & two <sup>3</sup> /4"	
Brass Covers (Suitable for use on the tile or carpeted floors).	S88⊿ S881 S295 S275 S255	▲ 5▲ 5	S2525* S3725 S2725* S3525 S2925* S3925 S3325	SF2925	

* Also available with aluminum adapter rings. Use "BA" prefix for floor boxes, "SA" prefix for covers.	Carpet Flanges (if required)	Diameter 6.25" (158.8)	Diameter 5.25" (133.4)	
<ul> <li>▲ Accepts only short strap single receptacles.</li> <li>◆ Compact Series Floor Boxes.</li> <li>(†) Dimension B represents the minimum dimension without base screws.</li> <li>Note: See page L-21 for hub sizes &amp; locations.</li> </ul>	Brass Aluminum Clear Polycarbonat	<b>S3082</b> 	S3182 SA3182 S3079	S3082



Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.



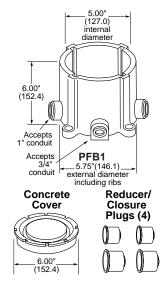
L-7



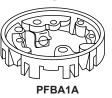
# Floor and Wall Boxes Round Non-metallic



PFB1 with SF39253A Brass Cover



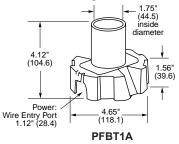
Adapter



## Insulator



Wiring Enclosure



Hubbell round non-metallic Floor Boxes offer an economical solution for single and multi-service applications. These Floor Boxes accept non-metallic and brass covers and flanges.

#### Step 1: Order round non-metallic floor box.

Description	Catalog Number
Round non-metallic floor box with concrete cover	PFB1
and four reducers/closure plugs.	

#### Specifications

Material	PVC
Depth of Pour	3.00" (76.2) minimum.
Capacity	100 cubic inches (1638.7 cm <sup>3</sup> ) or 19.5 cubic inches
	(319.5 cm <sup>3</sup> ) per inch of depth (prior to cutting level to floor).
Hubs	Four entry hubs two 1" & two 3/4".
Reducer/Closure Plugs	Dual purpose plugs close off unused hubs or act as reducers.
Plug Dimensions	Two 1" plugs close off 1" hub or reduce 1" hub to $3/4$ ". Two $3/4$ " plugs close off $3/4$ " hub or reduce $3/4$ " hub to $1/2$ ".
Conduit Selection	Accepts 1/2", 3/4", 1" schedule 40 and schedule 80 rigid PVC
	conduit, and E.N.T. (electrical non-metallic tubing).
UL File No. E92074	

Notes: Accepts steel conduit if female adapter PVC fittings are used. Use catalog number PFBYA1 <sup>3</sup>/4" "Y" adapter to feed parallel runs of <sup>3</sup>/4" conduit.

#### Step 2: Order adapter (required in all installations).

Description	Catalog Number
Adapter includes four hangers for tile floors	PFBA1A
four retainer clips and screws.	

#### Specifications

Mounting Hardware				
	Required for each PFB1 floor box (accepts plastic and metallic floor box covers).			
Function	Poquired for each DEP1 fleer box (accente plastic and			
Material	PVC			
•				

J	
Retainer Clips	Mechanically fasten adapter to PFB1 floor box with retainer clips and screws. Clips slide into slots in box wall.
Hangers	Four hangers snap onto adapter and provide added support (used in tile floor applications that utilize a metallic cover but no carpet flange).

## Step 3: Order low voltage divider (required for multi-service application).

Description	Catalog Number
Low voltage divider for multi-service applications. Consists	PFBT1A
of one insulator and one wiring enclosure	

#### Specifications

Specifications	
Material	PVC
Low Voltage Divider	Installs inside PFB1 floor box for multi-service applications.
	Use separate conduit runs for power and voice/data cables.
Insulator	Accepts Hubbell standard duplex receptacles or 15A Twist-
	Lock <sup>®</sup> duplex receptacles (HBL4700 series). Separates
	receptacle from low-voltage wiring.
Wiring Enclosure	Power Capacity: 19.60 cubic inches (321.2cm <sup>3</sup> ) plus 2.40 cubic inches (39.3 cm <sup>3</sup> ) per inch of tube.

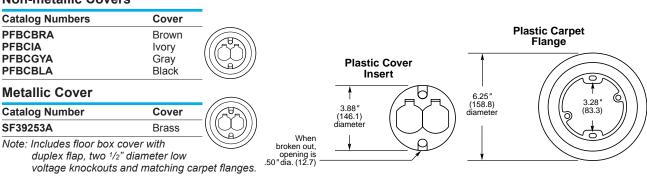


#### Step 4: Option A – Multi-service capability – select cover and flange assemby.

#### Catalog number PFBC Series

Plastic cover insert and carpet flange.

#### **Non-metallic Covers**



#### Accessories

	Description	Cover Material	Catalog Numbers		Description	Catalog Numbers
	Replacement cover for Hubbell PFBCBRA.	Brown	PFBRCBRA	$\sim$	"Y" adapter for feeding parallel runs of 3/4" PVC	PFBYA1
AA	Replacement cover for Hubbell PEBCIA	lvory	PFBRCIA		conduit into a <sup>3</sup> /4" hub or to feed in/out of the	
	Replacement cover for Hubbell PFBCGYA.	Gray	PFBRCGYA		same side of PFB1 floor box.	
	Replacement cover for Hubbell PFBCBLA.	Black	PFBRCBLA		Jack accessory: 8 position/8 wire (AT&T EIA568B) with	TJ8
	Replacement cover for Hubbell SF39253A.	Brass	BRS2RCA		prewired 15" leads, includes dust cover. Cat 3	
	Thermoplastic carpet flange.	Brown Ivory	PFBFBRA PFBFIA	p g	Steel plate with 1" threaded opening	PFBP1
(((( ))))	5	Gray	PFBFGYA	$(\circ \bigcirc \circ)$	(for use with above- floor service	
		Black	PFBFBLA	2 d	pedestals and furniture feed app	olications).
Specificat	ione				age M-11 for detailed product	
opecificat				information c	n Hubbell TJ8.	

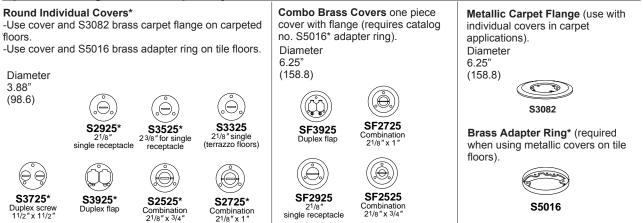
#### Specifications

Material Colors Available Capacities

#### Thermoplastic (ABS).

Brown, ivory, gray and black. Power – Accepts standard Hubbell duplex receptacles or 15A duplex Twist-Lock® receptacles (HBL4700 series). Low Voltage – Each 1/2" diameter knockout can accommodate up to one 25-pair telephone cable or one 50-wire data communications cable.

#### Option B – Single service capability – select metallic covers and accessories.

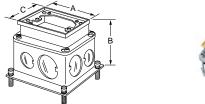


Note: \* Also available in aluminum. Use "SA" prefix.



## Floor and Wall Boxes **Deep Rectangular Cast Iron**

Everything you'll need for a superior installation, including full or semi-adjustments. Hubbell rectangular floor boxes offer separate compartments for multi-service delivery. Hubbell rectangular covers and rectangular floor boxes can be mixed and matched in any combination.









B4333

	Deep Cast Iron					
Catalog Numbers (Single or Multi Service)	B2436*	B243641	B4233*	B423341	B4333*	B433361
Gangs	Single	Single	Two	Two	Three	Three
Min. Depth of Pour	3.75"	3.75"	3.75"	3.75"	3.75"	3.75"
Inches (mm)	(95.3)	(95.3)	(95.3)	(95.3)	(95.3)	(95.3)
Adjustability (Fully, Semi, Non)	Fully	Fully	Fully	Fully	Fully	Fully
Before Pour External Height	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"
Adjustment Inches (mm)	(31.8)	(31.8)	(31.8)	(31.8)	(31.8)	(31.8)
After Pour Internal Height	.38"	.38"	.63"	.63"	.63"	.63"
Adjustment Inches (mm)	(9.5)	(9.5)	(15.9)	(15.9)	(15.9)	(15.9)
Cubic Inch Capacity (cm <sup>3</sup> )	33.00 (838.2)	33.00 (540.9)	36.50 (598.2) per gang	36.50 (598.2) per gang	34.80 (570.3) middle- 36.50 (598.2) ends	34.80 (570.3) middle- 36.50 (598.2) ends
Dimensions - A	4.38"	4.38"	4.38"	4.38"	4.38"	4.38"
Inches (mm)	(111.2)	(111.2)	(111.2)	(111.2)	(111.2)	(111.2)
Dimensions - B <sup>(†)</sup>	3.19"	3.19"	3.44"	3.44"	3.44"	3.44"
Inches (mm)	(81.0)	(81.0)	(87.3)	(87.3)	(87.3)	(87.3)
Dimensions - C	3.19"	3.19"	6.38"	6.38"	9.56"	9.56"
Inches (mm)	(81.0)	(81.0)	(161.9)	(161.9)	(242.9)	(242.9)
Threaded Conduit Hub Sizes	<sup>3/</sup> 4" four way	1" four way	³/₄" six way	1" four way, ³/₄" two way	<sup>3</sup> / <sub>4</sub> " eight way	1" six way, ³/₄" two way

Brass Covers (suitable for use in tile or carpeted floors). All rectangular covers fit all rectangular boxes.





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 $\Theta$ S2625\* Combination 21/8" x 1"



S3425 23/8" for single receptacle

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Carpet Flanges **Dimensions (mm)** Catalog (if required) Numbers Key: \*Also available with aluminum adapter rings. Use "BA" prefix for floor Single Gang: boxes, "SA" prefix for covers, 4.84" x 6.00" (123.0 x 152.4) 4.84" x 6.00" (123.0 x 152.4) 4.38" x 5.56" (111.3 x 141.2) SB3083 (†) Dimension B represents the minimum dimension without base screws. Aluminum SA3083 Notes: See page L-21 for hub sizes & locations. Clear Polycarbonate S3083 See pages L-3 & L-5 for additional multiple service recessed floor box Two Gang: options. 8.06" x 6.00" (204.7 x 152.4) 8.06" x 6.00" (204.7 x 152.4) SB3084 Aluminum SA3084 S3084 7.56" x 5.56" (192.0 x 141.2) Clear Polycarbonate Three Gang: SB3085 11.31" x 6.00" (287.3 x 152.4) 11.31" x 6.00" (287.3 x 152.4) 10.81" x 5.56" (274.6 x 141.2) SA3085 Aluminum Clear Polycarbonate S3085

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.

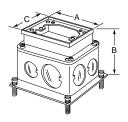


Brass

Brass

Brass

## Floor and Wall Boxes Shallow Rectangular Cast Iron







B4314
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Shallow Cast Iron					
Catalog Numbers (Single or Multi Service)	B2437*	B2414	B4214	B4314	
Gangs	Single	Single	Тwo	Three	
Min. Depth of Pour Inches (mm)	3.00" (76.2)	2.00" (50.8)	2.00" (50.8)	2.00 (50.8)	
Adjustability (Fully, Semi, Non)	Fully	Semi	Semi	Semi	
Before Pour External Height Adjustment Inches (mm)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	
After Pour Internal Height Adjustment Inches (mm)	.38" (9.5)				
Cubic inch Capacity (cm <sup>3</sup> )	30.00 (491.7)	16.00 (262.2)	16.00 (262.2) each gang	16.00 (262.2) each gang	
Dimensions - A Inches (mm)	4.38" (111.2)	4.38" (111.2)	4.38" (111.2)	4.38" (111.2)	
Dimensions - B (†) nches (mm)	2.88" (73.0)	2.00" (50.8)	2.00" (50.8)	2.00" (50.8)	
Dimensions - C nches (mm)	3.19" (81.0)	3.19" (81.0)	6.38" (161.9)	9.56" (242.9)	
Threaded Conduit Hub Sizes	four <sup>3</sup> /4"	four <sup>3</sup> /4"	four <sup>3</sup> /4"	six <sup>3</sup> /4"	

Brass Covers (suitable for use in tile or carpeted floors). All rectangular covers fit all rectangular boxes.



Carpet Flanges (if required)	Catalog Numbers	Dimensions (mm)	Key:
Single Gang: Brass Aluminum Clear Polycarbonate	SB3083 SA3083 S3083	4.84" x 6.00" (123.0 x 152.4) 4.84" x 6.00" (123.0 x 152.4) 4.38" x 5.56" (111.3 x 141.2)	<ul> <li>*Also available with aluminum adapter rings. Use "BA" prefix for floor boxes, "SA" prefix for covers.</li> <li>(†) Dimension B represents the minimum dimension without base screws. Notes: See page L-21 for hub sizes &amp; locations.</li> </ul>
Two Gang: Brass Aluminum Clear Polycarbonate	SB3084 SA3084 S3084	8.06" x 6.00" (204.7 x 152.4) 8.06" x 6.00" (204.7 x 152.4) 7.56" x 5.56" (192.0 x 141.2)	Semi-adjustable multiple gang floor boxes have a non-removable barrier between gangs. See pages L-3 & L-5 for additional multiple service recessed floor box options.
Three Gang: Brass Aluminum Clear Polycarbonate	SB3085 SA3085 S3085	11.31" x 6.00" (287.3 x 152.4) 11.31" x 6.00" (287.3 x 152.4) 10.81" x 5.56" (274.6 x 141.2)	

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.



## Floor and Wall Boxes **Shallow Rectangular Stamped Steel**







B2429



		Stampe	d Steel	
Catalog Numbers (Single or Multi Service)	B2421*	B2422*	B2423*	B2429
Gangs	Single	Two	Three	Single
Min. Depth of Pour	2.75"	2.75"	2.75"	3.00"
Inches (mm)	(69.6)	(69.6)	(69.6)	(76.2)
Adjustability (Fully, Semi, Non)	Fully	Fully	Fully	Fully
Before Pour External Height	1.25"	1.25"	1.25"	1.25"
Adjustment Inches (mm)	(31.8)	(31.8)	(31.8)	(25.4)
After Pour Internal Height	.50"	.50"	.50"	.38"
Adjustment Inches (mm)	(12.7)	(12.7)	(12.7)	(9.5)
Cubic inch Capacity (cm <sup>3</sup> )	39.50 (647.3)	35.00 (573.5) each gang	34.00 (557.2) each gang	37.30 (611.2)
Dimensions - A	4.38"	4.38"	4.38"	4.38"
Inches (mm)	(111.2)	(111.2)	(111.2)	(111.2)
Dimensions - B (†)	2.74"	2.74"	2.74"	2.81"
inches (mm)	(69.6)	(69.6)	(69.6)	(71.4)
Dimensions - C	3.19"	6.44"	9.67"	3.19"
Inches (mm)	(81.0)	(163.6)	(245.6)	(81.0)
Knockouts -	(2) 1/2", (1) 3/4"	(4) Conc.	(6) Conc.	(2) 1/2".
Opposite Sides		1/2", 3/4"	1/2", 3/4"	& (1) 3/4"
Knockouts -	(1) 1/2", (1) 3/4"	(2) Conc.	(2) Conc.	(1) 1/2"
Opposite Ends		1/2", 3/4"	1/2", 3/4"	(1) 3/4"
Knockouts -	(2) Conc.	(4) Conc.	(6) Conc.	(3) 1/2"
Bottom	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	(2) 3/4"

Brass Covers (suitable for use in tile or carpeted floors). All rectangular covers fit all rectangular boxes.



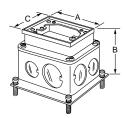
Carpet Flanges (if required)	Catalog Numbers	Dimensions (mm)	Key:
Single Gang: Brass Aluminum Clear Polycarbonate	SB3083 SA3083 S3083	4.84" x 6.00" (123.0 x 152.4) 4.84" x 6.00" (123.0 x 152.4) 4.38" x 5.56" (111.3 x 141.2)	*Also available with aluminum adapter rings. Use "BA" prefix for floor boxes, "SA" prefix for covers. (†) Dimension B represents the minimum dimension without base screws Notes: See page L-21 for hub sizes & locations.
Two Gang: Brass Aluminum Clear Polycarbonate	SB3084 SA3084 S3084	8.06" x 6.00" (204.7 x 152.4) 8.06" x 6.00" (204.7 x 152.4) 7.56" x 5.56" (192.0 x 141.2)	<ul> <li>See pages L-2 &amp; L-3 for additional multiple service recessed floor box opions.</li> </ul>
Three Gang: Brass Aluminum Clear Polycarbonate	SB3085 SA3085 S3085	11.31" x 6.00" (287.3 x 152.4) 11.31" x 6.00" (287.3 x 152.4) 10.81" x 5.56" (274.6 x 141.2)	

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.

# Floor and Wall Boxes Deep Rectangular Stamped Steel



Everything you'll need for a superior installation, including full or semi-adjustments. Hubbell rectangular floor boxes offer separate compartments for multi-service delivery. Hubbell rectangular covers and rectangular floor boxes can be mixed and matched in any combination.





B2431



B2432



B2433



B2427

Stamped Steel				
Catalog Numbers (Single or Multi Service)	B2431*	B2432*	B2433*	B2427
Gangs	Single	Two	Three	Single
Min. Depth of Pour	3.75"	3.75"	3.75"	4.00"
Inches (mm)	(95.3)	(95.3)	(95.3)	(101.6)
Adjustability (Fully, Semi, Non)	Fully	Fully	Fully	Fully
Before Pour External Height	1.25"	1.25"	1.25"	1.25"
Adjustment Inches (mm)	(31.8)	(31.8)	(31.8)	(31.8)
After Pour Internal Height	.50"	.50"	. 50"	.38"
Adjustment Inches (mm)	(12.7)	(12.7)	(12.7)	(9.5)
Cubic Inch Capacity (cm <sup>3</sup> )	60.00 (983.4)	52.80 (865.2) each gang	50.80 (832.5) each gang	54.00 (885.1)
Dimensions - A	4.38"	4.38"	4.38"	4.38"
Inches (mm)	(111.2)	(111.2)	(111.2)	(111.2)
Dimensions - B (†)	3.72"	3.72"	3.72"	3.90"
Inches (mm)	(94.5)	(94.5)	(94.5)	(99.2)
Dimensions - C	3.19"	6.44"	9.67"	3.19"
Inches (mm)	(81.0)	(163.6)	(161.9)	(81.0)
Knockouts -	(1) Conc.	(2) Conc.	(3) Conc.	(1) 1"
Opposite Sides	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	(1) 3/4"
Knockouts -	(1) Conc.	(1) Conc.	(1) Conc.	(1) 1 1/4"
Opposite End	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	(1) 1/2"
Knockouts -	(2) Conc.	(4) Conc.	(6) Conc.	(3) 1/2"
Bottom	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	3/4", 1", 1 1/4"	(2) 3/4"

Brass Covers (suitable for use in tile or carpeted floors) All rectangular covers fit all rectangular boxes.



Carpet Flanges (if required)	Catalog Numbers	Dimensions (mm)	
Single Gang: Brass Aluminum Clear Polycarbonate	SB3083 SA3083 S3083	4.84" x 6.00" (123.0 x 152.4) 4.84" x 6.00" (123.0 x 152.4) 4.38" x 5.56" (111.3 x 141.2)	Key: *Also available with aluminum adapter rings. Use "BA" prefix for floor boxes, "SA" prefix for covers.
Two Gang: Brass Aluminum Clear Polycarbonate	SB3084 SA3084 S3084	8.06" x 6.00" (204.7 x 152.4) 8.06" x 6.00" (204.7 x 152.4) 7.56" x 5.56" (192.0 x 141.2)	<ul> <li>(†) Dimension B represents the minimum dimension without base screws. Notes: See page L-21 for hub sizes &amp; locations.</li> <li>See pages L-3 &amp; L-5 for additional multiple service recessed floor box options.</li> </ul>
Three Gang: Brass Aluminum Clear Polycarbonate	SB3085 SA3085 S3085	11.31" x 6.00" (287.3 x 152.4) 11.31" x 6.00" (287.3 x 152.4) 10.81" x 5.56" (274.6 x 141.2)	

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.

Floor and Wall Boxes



# Floor and Wall Boxes Rectangular Non-metallic

Hubbell rectangular non-metallic floor boxes offer an economical solution for single and multi-service applications. These floor boxes are available in one, two and three gang models and accept Hubbell brass, aluminum or non-metallic covers and flanges.

### Step 1: Select rectangular non-metallic floor box.

Catalog Numbers	Description	Α	В	С	D	E
PFBRG1	1-gang non-metallic floor box.	3.60" (91.4)	5.44" (138.2)	5.42" (137.7)	6.90" (175.3)	6.00" (152.4)
PFBRG2	2-gang non-metallic floor box.	6.82" (173.2)	8.66" (220.0)	5.42" (137.7)	6.90" (175.3)	6.00" (152.4)
PFBRG3	3-gang non-metallic floor box.	10.04" (255.0)	11.87" (301.5)	5.42" (137.7)	6.90" (175.3)	6.00" (152.4)
Catalog Numbers	Description	F	G			
PFBRFGY1	1-gang non-metallic carpet flang (includes one Hubbell PFBRMC) gray.		0) 6.00" (152	2.4)	G	F
PFBRFGY2	2-gang non-metallic carpet flange (includes two Hubbell PFBRMC) gray.		5) 6.00" (152	2.4)		
PFBRFGY3	3-gang non-metallic carpet flang (includes three Hubbell PFBRMC gray.		.3) 6.00" (15	2.4)		

#### Specifications

Boxes		Hubs	
Materials	PVC	1-Gang	4 - 1" trade size.
Wall Thickness	.250" typical (6.35).	2-Gang	6 - 1" trade size.
Minimum Depth of Pour	3.00" (76.2).	3-Gang	8 - 1" trade size.
Concrete Cover	Polypropylene	Reducers/Plugs	Furnished for each hub. May be used to close off unused
			hubs or as a 1" to $3/4$ " hub reducer

#### Cubic Capacity

Increments are imprinted into side walls of boxes. 14.3 in<sup>3</sup> (234cm<sup>3</sup>) per 1" of depth, per gang.

Covers and Flanges	
Materials	ABS
Color	Gray
UL	Meets UL 514C
Device Openings	Duplex or Style Line
	(two adapter inserts included
	with plate),
	single (hinged) cover door.
Gasket	Neoprene
Assembly Screws	Plated Steel
UL Data	
UL File No: E92074.	







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ScrubShield

**Complies with UL514C** 

PFBRG2



L-14

## Floor and Wall Boxes Rectangular Non-metallic

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PFBRFGY2

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PFBRFGY3

PFBRFGY1

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#### Step 2: Identify cover material, non-metallic vs. metallic, identify floor covering, carpeted vs. tile. Option A - Non-metallic cover requirement. Carpet Application - required components.

Catalog Numbers	Description
PFBRFGY1	1-gang non-metallic carpet flange (includes one Hubbell PFBRMC), gray.
PFBRFGY2	2-gang non-metallic carpet flange (includes two Hubbell PFBRMC), gray.
PFBRFGY3	3-gang non-metallic carpet flange (includes three Hubbell PFBRMC), gray.
PFBR826GYA (1 per gang)	Duplex/Style Line <sup>®</sup> non-metallic cover plate, gray.

#### Tile Application - required components

		PFBRMC
Catalog Numbers	Description	
PFBRMC (1 per gang)	Non-metallic mounting collar.	· · · ·
PFBRFRA (1 per gang)	Non-metallic cover frame, gray.	
PFBR826GYA (1 per gang)	Duplex/Style Line <sup>®</sup> non-metallic	
	cover plate, gray.	DEI

## Option B - Metallic cover requirement.\*

Carpet application, tapered flange - required components.

Catalog Numbers	Description
PFBRAC (1 per gang)	Non-metallic adapter collar.
S5017G (1 per gang)	Brass adapter frame with grounding lug.
SB3083*	1-gang tapered carpet flange, brass.
SB3084*	2-gang tapered carpet flange, brass.
SB3085*	3-gang tapered carpet flange, brass.

#### Carpet application, flat flange - required components.

Catalog Numbers	Description
PFBRAC (1 per gang)	Non-metallic adapter collar.
SB3083W*	1-gang flat carpet flange, brass.
SB3084W*	2-gang flat carpet flange, brass.
SB3085W*	3-gang flat carpet flange, brass.

#### Tile application - required components (1 each per gang).

Catalog Numbers	Description
PFBRAC (1 per gang)	Non-metallic adapter collar.
S5017G* (1 per gang)	Brass adapter frame with grounding lug.
Noto: Salaat any reatengular aay	ar listed below (1 per cond)

Note: Select any rectangular cover listed below (1 per gang).

## STEP 3:

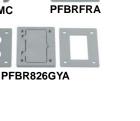
## Select brass covers: all rectangular covers fit all rectangular boxes.



Combination 21/8" for single Style Line opening

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover \* Also available in aluminum. Use "SA" prefix.





SB3083 SB3084







# Floor and Wall Boxes For Wooden Floors



	B2481	B2482	D2403	D2300	, 62588275	B2569
		Rectangular Stamped Ste			Round Cast Iron	
Catalog Numbers (Single/Multi Service)	B2481	B2482	B2483	B2588*	B2588275	B2589 <b>▲</b> +
Gangs	Single	Two	Three	Single	Single	Single
Adjustability (Fully, Semi, Non)	Semi	Semi	Semi	Non	Non	Non
External Height Adjustment - Inches (mm)	1.00" (25.4)	1.00" (25.4)	1.00" (25.4)	-	-	-
Cubic Inch Capacity (cm <sup>3</sup> )	42.00 (688.3)	42.50/gang (696.4)	42.50/gang (696.4)	18.50 (303.2)	18.50 (303.2)	10.30 (168.8)
Dimensions - A Inches (mm)	4.50" (114.3)	4.50" (114.3)	4.50" (114.3)	4.19" (106.4)	4.19" (106.4)	3.44" (87.3)
Dimensions - B Inches (mm)	3.13" (79.5)	3.13" (79.5)	3.13" (79.5)	3.75" (95.3)	3.75" (95.3)	2.63" (66.7)
Dimension - C Inches (mm)	3.20" (81.3)	6.42" (163.1)	9.64" (244.9)	-	-	-
Hubs/Knockouts - Opposite Sides	(1) Conc. 1/2", 3/4", 1"	(2) Conc. 1/2", 3/4", 1"	(3) Conc. 1/2", 3/4", 1"	_	(2) 3/4"	(2) 3/4"
Hubs/Knockouts - Bottom	(1) Conc. 1/2"- 1 1/4"	(2) Conc. 1/2"- 1 1/4"	(3) Conc 1/2"- 1 1/4"	(2) 1/2"	(2) 1/2"	(1) 3/4".
Carpet Flanges (if required)				Diameter 6.25" (158.8)	Diameter 5.25" (133.4)	
Brass Aluminum Polycarbonate	SB3083W SA3083W _	SB3084W SA3084W _	SB3085W SA3085W _	S3082	S3182 SA3182 S3079	- - -
Covers Only	S3625*       S3         Duplex screw       Duple         11/2" x 11/2"       □         S2825       S34	21/8" x 3/4" 21/8" x 3/4"	S2625* Combination 2 1/8" x 1" S3813* Blank	(terrazzo floors) 21/a* single (terrazzo floors) S2725* Combination 21/a* x 1* S35 Combination 21/a* x 1* S35 Combination 21/a* single Combination 21/a* single Combination	combination 21/8*x 3/4*           combination 21/8*x 3/4*           combination 21/8*x 3/4*           combination 33725*           combination 33725*           combination 3725*           combi	$(\bigcirc)$ S2530 2 1/8" x 3/4" Combination $(\bigcirc)$ S2730 2 1/8" x1" Combination $(\bigcirc)$ S2930 2 1/8"
Combo Cover/Flange		r/flanges available, flange and cover c		SF3925 Duplex flap	SF2725 Combination	-
Key: * Also available with aluminum at "SA" prefix for covers. ▲ Accepts only short strap single ◆ Compact Series Floor Boxes. (For installation information of floor	e receptacles.			SF2925 21/8" single receptacle	2 <sup>1</sup> /e <sup>+</sup> x 1 <sup>*</sup>	-

Note: See page L-22 for Hubbell Selector chart, to match receptacle to cover.

L-16

## Floor and Wall Boxes Above-Floor Service Fittings (Single Service)

Hubbell offers a variety of above-floor service pedestals to satisfy just about any requirement. Hubbell low profile service pedestals are available in aluminum or brass. Large capacity enables a choice of services - you can even create your own unique pedestal to satisfy specific requirements. Above floor service fittings are ideal for furniture feed applications.

#### Pedestals - Metallic - LO-CON (single service only)

Traditional metallic pedestals with die-cast aluminum frame, brushed aluminum housing and stainless steel faceplates. These pedestals are offered as component parts. They mount on floor box covers or floor deck/duct systems with a 3/4" or 1" threaded openings.

#### Create Pedestal – Create your own pedestal to meet specific service requirements. Order housing, face plates and devices separately.

Description	Catalog Numbers
Frame, housing, <sup>3</sup> / <sub>4</sub> " chase nipple, without plates.	SC3098A
Frame, housing, 1" chase nipple, without plates.	SC3099A
Blank plate.	SS309B
Telephone bushing with 1" I.D. and (2) 3/8" K.O. for coax.	SS309T
Single receptacle plate with 1.39" (35.3) opening.	SS309S
Duplex receptacle plate.	SS309D
Style Line <sup>®</sup> plate.	SS309DS

Furniture Feed Plates – Use with SC3098A or SC3099A housings to feed furniture systems in office settings or display cases in retail applications.

Description	Catalog Numbers
Aluminum plate with 1.11" knockout.	SS309SF
Aluminum plate, blank.	SS309BF
Note: M/hon weight CC200CE on Livebolling Lo Con nodestal	- COOODE must be used

Note: When using SS309SF on Hubbell's Lo-Con pedestals, SS309BF must be used on the opposite side.

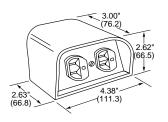
## Pedestals - Specialized Service - Brass Stem Type (single service only)

Create your own pedestal to meet specific service requirements. This forged brass housing has <sup>3</sup>/<sub>4</sub>" I.P.S. stem. Service plates come in matching brass. Dimensions: Height 3.38" (85.9), Width 4.00" (101.6), Depth 2.50" (63.5).

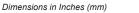
Description	Catalog Numbers
Horizontal stem-type housing (brass).	S6088
Plate for single receptacle, 1.39" (35.3) opening.	S609S
Plate for duplex receptacle.	S609D
Plate with telephone bushing, 1.00" (25.4) ID.	S609T
Blank plate.	S609B



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## Floor and Wall Boxes Above-Floor Service Fittings (Single Service)



**Catalog Numbers** 

SA6687 SA6688

SA6685 SA6686

## Pedestals - Specialized Service - Large Capacity Pedestals (single service only)

Designed to accommodate receptacles up to 50A (four-gang only). These brushed aluminum pedestals are furnished with either a  $3/_4$ " or 1" hub. Create your own unique pedestal with a wide choice of stainless steel plates and devices.

Description (Two Gang Housing)	Catalog Numbers
2-gang (front & back) with 3/4" hub.	SA6685
2-gang (front & back) with 1" hub.	SA6686

# Plate Option - Single Gang Description Duplex opening.

Catalog Numbers
S8
S26
S7
S720
S13

Note: Cubic inch capacity: 27.20 (446.6cm<sup>3</sup>).

CACCOT	
SA6687	Description (Four Gang Housing)
	4-gang (2 front & 2 back), with 3/4" hub.
	4-gang (2 front & 2 back), with 1" hub.
	Note: Cubic inch capacity: 47.10 (771.7cm <sup>3</sup> ).

S82



2.50" (63.5)

1" (25.3)



Plate Option - Two Gang

Description	Catalog Numbers
Two duplex openings.	S82
Two Style Line openings.	S262
Two single receptacle openings - boss diameter	S72
1.36" to 1.39" (34.5 to 35.3).	
Single receptacle opening - boss diameter	S701
2.41" to 2.44" (61.2 to 62.0).	
Single receptacle opening - boss diameter	S703
2.09" to 2.13" (53.1 to 54.1).	
Blank plate.	S23

**Two Gang** 

2.88" (73.1)

5.63" (143.0)

5.63" (143.0)

S23

2.50" (63.5)

↑ 1" ★ (25.3)

Four Gang

\_4.69" (119.1)



## Floor and Wall Boxes Accessories

Experiencing a problem? Let Hubbell accessories help solve it. Hubbell stacking (adjustable) collars are the answer if the box is set too low. Need a replacement? Choose from a full line of replacement covers and fittings. Hubbell accessories also help you with the protection you need for plugs and receptacles.

## Problem solvers & replacement components

Stacking (adjustable) collars & frames.

Designed to be used if floor is set too low beneath the floor surface or the adjustable collar and/or adapter on the box is damaged.

If the box number is	Use Collar Number	Extension Value
B2429, B2427, B2436 or B2437	*C2400	.81" (20.5)
B2503, B2506	*C2504	1.06" (26.9)
B2529, B2536, B2527 or B2537	*C2500	1.06" (26.9)
B4233	*C4200	1.03" (26.2)
B4333	*C4300	1.03" (26.2)

Notes: \* Only available as sets (collars and adapters). In cases where the adapter on the floor box is not damaged, and stacking only is required, discard the adapter and use only the collar. The adjustable collars listed above can be stacked as required to reach the floor surface.Longer screws will be required if more than one collar is stacked (screws not provided). These screws are commercially available. Flat head #12-24UNC machine screw x (approx. length). Minor Upward Adjustments: Round or Rectangular cover frames (trim rings) may be stacked if the floor box is only slightly recessed below the floor surface.

## Replacement Components for Floor Box Covers & Fittings

Вох Туре	Dimension	Use Flange Number	Extension Value
Round	4.19" (106.4) diameter	S5016 or SA5016	.31" (7.9)
Rectangular	3.19" (81.0) x 4.38" (111.2)	S5017A or SA5017A	.31" (7.9)

### **Crown Plugs**

		Catalog Numbers	
Description	Used in the following covers	Brass	Aluminum
<sup>3</sup> / <sub>4</sub> " thread size.	S2525, SA2525, S881, S2555, S2530, S2425, SA2425, SF2525	S5012	SA5012
1" thread size.	S2725, SA2725, S2755, S2730, S2625, SA2625, SF2725	S5013	SA5013

### Flush Cap Rings

		Catalog Numbers		
Description	Used in the following covers	Brass	Aluminum	
2 <sup>1</sup> / <sub>8</sub> " threaded plug with <sup>3</sup> / <sub>4</sub> " thread size opening.	S2525, SA2525, S881, S2555, S2530, S2425, SA2425, SF2525	S5010	SA5010	
2 <sup>1</sup> / <sub>8</sub> " threaded plug with 1" thread size opening.	S2725, SA2725, S2755, S2730, S2625, SA2625, SF2725	S5025	SA5025	

### Flush Plugs

		Catalog Numbers		
Description	Used in the following covers	Brass	Aluminum	
<sup>3</sup> / <sub>4</sub> " I.P.S. thread size.	F1339, F1340	S5002	_	
1" I.P.S. thread size.	F1539	S5003	_	
1 <sup>1</sup> / <sub>2</sub> " fine thread size.	S3725, SA3725, S3625, SA3625	S5007	SA5007	
2 <sup>1</sup> / <sub>8</sub> " fine thread size.	S2925, SA2925, S88, S2930, S2955, SF2925, S2825	S5020	SA5020	
2 <sup>3</sup> / <sub>8</sub> " fine thread size.	S3525, S3425	S5030	_	



HUBBELL



S5007

#### Floor and Wall Boxes Accessories

Protective Ring for 2<sup>1</sup>/8" Threaded Cover



#### **Theater Seating Floor Box**



#### **Problem Solvers & Replacement Components** Protective Ring for 21/8" Threaded Covers

Description	Catalog Number
Provides mechanical and wet mop protection for plugs and receptacles (brass).	S3061
ior plugs and receptacies (brass).	

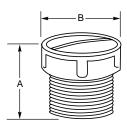
#### **Theater Seating Floor Box**

Description	Catalog Number
The theater seating floor box is nonadjustable and provides a $\frac{3}{4}$ " threaded hub for conduit connection to theater aisle lights. It permits opening of the enclosure for wiring without disturbing above floor connections. Other features include a cast iron box with a corrosion-resistant finish and a blank steel cover. Knockouts: ( $\frac{3}{4}$ " surface, $\frac{3}{4}$ " sides, $\frac{3}{4}$ " bottom) 18.80 cu. in. (380 cubic cm.).	F3185

#### Adjustable Tops (Brass)







**Adjustable Tops** 

#### Coupling (Brass)



F1340

#### Adjustable Tops (Brass)

#### Brass Outlet Fittings for Conduit Systems.

Future requirements for floor outlets may be accommodated by systematically studding the floor with these fittings, all radiating from one or more floor boxes, from which any changes or additions may be subsequently made by the pulling of wires from box to the outlet. Adjustment tops are male connections to be mounted on elbow or tee fittings. They provide a pre-pour adjustment and an available connection for above-floor service heads.

Description	Α	В	Catalog Numbers
<sup>3</sup> / <sub>4</sub> " threaded conduit size (male).	1.25" (31.8)	1.44" (36.6)	F1339
1" threaded conduit size (male).	1.31" (33.3)	1.75" (44.5)	F1539

Note: Adjustment: 3/4" and 1" fittings permit 1/2" vertical adjustment.

#### Coupling (Brass)

Couplings are utilized for straight conduit connections when a floor box is not required. The conduit stub is brought to within approximately 1 1/4" of the planned surface, and the coupling is mounted and adjusted prior to the concrete pour. Standard service heads may be mounted to the couplings as required.

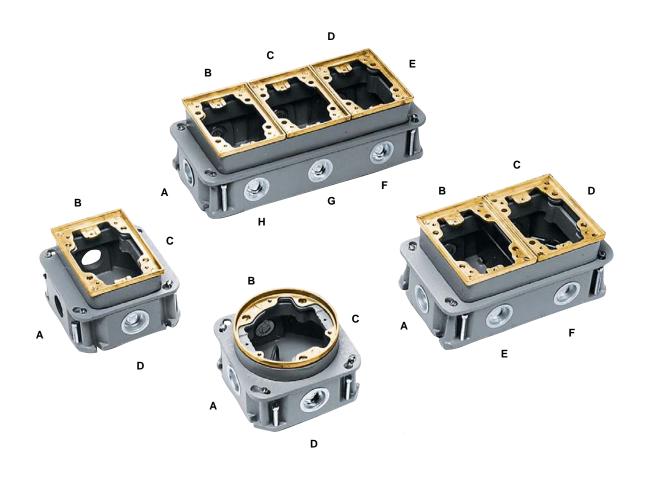
Description	А	В	Catalog Number
<sup>3</sup> / <sub>4</sub> " threaded conduit size (female).	1.44" (36.6)	1.25" (31.8)	F1340

# Floor and Wall Boxes Technical Data

#### **Hub Sizes & Locations**

Catalog #	Box Type	А	В	С	D	Е	F	G	Н
B2436*	One-Gang	3/4"	3/4"	3/4"	3/4"	_	_	_	_
B243641	One-Gang	1"	1"	1"	1"	_	_	_	_
B2414	One-Gang	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	3/4"	_	_	_	_
B2503	One-Gang	<sup>3</sup> / <sub>4</sub> "	3/4"	<sup>3</sup> / <sub>4</sub> "	3/4"	_	_	_	_
B2519	One-Gang	<sup>3</sup> / <sub>4</sub> "	3/4"	<sup>3</sup> / <sub>4</sub> "	3/4"	_	_	_	_
B2536	One-Gang	<sup>3</sup> / <sub>4</sub> "	3/4"	<sup>3</sup> / <sub>4</sub> "	3/4"	_	_	_	_
B253641	One-Gang	1"	1"	1"	1"	_	_	_	_
B4233*	Two-Gang	<sup>3</sup> / <sub>4</sub> "	3/4"	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	3/4"	3/4"	_	_
B423341	Two-Gang	<sup>3</sup> / <sub>4</sub> "	1"	1"	<sup>3</sup> / <sub>4</sub> "	1"	1"	_	_
B4214	Two-Gang	_	3/4"	<sup>3</sup> / <sub>4</sub> "	_	3/4"	3/4"	_	_
B4333*	Three-Gang	<sup>3</sup> / <sub>4</sub> "	3/4"	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	3/4"	3/4"	3/4"	<sup>3</sup> / <sub>4</sub> "
B433361	Three-Gang	1"	1"	<sup>3</sup> / <sub>4</sub> "	1"	1"	1"	3/4"	1"
B4314	Three-Gang	-	3/4"	3/4"	3/4"	_	3/4"	3/4"	<sup>3</sup> / <sub>4</sub> "

Note: \* Also available with aluminum adapter rings. Use "BA" prefix.





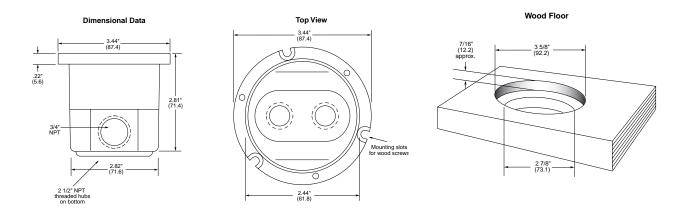
## Floor Boxes Technical Data

Cover Style			Terazzo	<b>2</b> ∛₀"	<b>2</b> 1/8"	<b>2</b> 1/8"	Duplex Flap	Duplex Plug	Style Line	<b>2</b> 1/8"	<b>2</b> 1/8"	<b>2</b> 1/8"
Round								Ô		$(\circ \ominus \circ$		$(\hat{\bullet} \ominus_{\bullet})$
			S3325	S3525	S2925 SA2925 SF2925		S3925 SA3925 SF3925	S3725 SA3725		S88	S2955	S2930
Rectangular												
				S3425		S2825	S3825 SA3825	S3625 SA3625	S3826 SA382			
Rating	Configuration	NEMA					0,10020	0,10020	UNCOL			
2P, 3W 15A, 125V		5-15R	HBL5251 HBL5261	HBL5251 HBL5261	HBL5251 HBL5261	HBL5251 HBL5261	CR5262 CR5252IG HBL5242 HBL5252 HBL5262 IG5262	CR5262 CR5252IG HBL5242 HBL5252 HBL5262 IG5262	HBL2152 IG2152 GFR5252A HBL5262SA	HBL5284	HBL5258 HBL5284	HBL5258 HBL5284
2P,3W 15A, 125V	C T	L5-15R	HBL4710	HBL4710	HBL4710	HBL4710	HBL4700 IG4700A HBL4792 HBL4794 HBL4795	HBL4700 IG4700A HBL4792 HBL4794 HBL4795		HBL4713	HBL4713	HBL4713
2P, 3W 15A, 250V		6-15R	HBL5651 HBL5661	HBL5651 HBL5661	HBL5651 HBL5661	HBL5651 HBL5661	HBL5652 HBL5662	HBL5652 HBL5662		HBL5658	HBL5658	HBL5658
2P, 3W 15A, 250V		L6-15R	HBL4560	HBL4560	HBL4560	HBL4560	HBL4550	HBL4550		HBL4563	HBL4563	
2P, 3W 15A, 277V		7-15R					HBL5302	HBL5302				
2P, 3W 15A, 277V		L7-15R	HBL4760	HBL4760	HBL4760	HBL4760	HBL4750	HBL4750		HBL4763	HBL4763	
2P, 3W 20A, 125V		5-20R	HBL5351 HBL5361	HBL5351 HBL5361	HBL5351 HBL5361	HBL5351 HBL5361	CR5362 CR5352IG HBL5342 HBL5352 HBL5362 IG5362	CR5362 CR5352IG HBL5342 HBL5352 HBL5362 IG5362	HBL2162 IG2162 GFR5352A HBL5362SA	HBL5358	HBL5357 HBL5358	
2P, 3W 20A, 125V		5-20R					HBL5392	HBL5392				
2P, 3W 20A, 125V		L5-20R	HBL2310	HBL2310	HBL2310							
2P, 3W 20A, 250V		6-20R	HBL5461	HBL5461	HBL5461	HBL5461	HBL5462	HBL5462				
2P, 3W 20A, 250V		 L6-20R	HBL2320	HBL2320	HBL2320							
2P, 3W 30A, 125V	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	 L5-30R	HBL2610	HBL2610	HBL2610							
2P, 3W 30A, 250V	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	L6-30R	HBL2620	HBL2620	HBL2620							
3P, 4W, 20A 125/250V		14-20R L14-20R	HBL8410 HBL2410	HBL8410 HBL2410	HBL2410	HBL8410 HBL2410						
3P, 4W, 20A 30 250V		15-20R L15-20R	HBL8420 HBL2420	HBL8420 HBL2420	HBL2420	HBL8420 HBL2420						
3P, 4W, 30A 125/250V		L14-30R	HBL2710	HBL2710								
3P, 4W, 30A 3Ø 250V		L15-30R	HBL2720	HBL2720								
3P, 4W, 30A 3Ø 600V		 L17-30R	HBL2740	HBL2740								
4P, 5W, 20A 3Ø Y 120/208V		 L21-20R	HBL2510	HBL2510	HBL2510	HBL2510						
4P, 5W, 20A 3Ø Y 347/600V		L23-20R	HBL2530	HBL2530	HBL2530	HBL2530						
4P, 5W, 30A 3Ø Y 120/208V		L21-30R	HBL2810	HBL2810								
4P, 5W, 30A 3Ø Y 347/600V		 L23-30R	HBL2830	HBL2830								
		 					-					-



## Floor and Wall Boxes **Technical Data**

Round Floor Boxes for Wooden Floors Installation Data (Catalog No. B2589) This floor box will only accept a short-strap receptacle



Threaded Hubs		Catalog Number
One <sup>1</sup> / <sub>2</sub> " and one <sup>3</sup> / <sub>4</sub> " on bottom	Two <sup>3</sup> / <sub>4</sub> " on opposite sides	B2589 (This floor box will only accept a short-strap receptacle)

- Steps
  1. Cut a 2<sup>7</sup>/<sub>8</sub>" (73.1) diameter hole in wood floor.
  2. Counter sink a 3<sup>5</sup>/<sub>8</sub>" (92.2) diameter hole, approximately <sup>7</sup>/<sub>16</sub>" (11.2) deep. Note: If floor covering is used, vary countersink depth

accordingly.

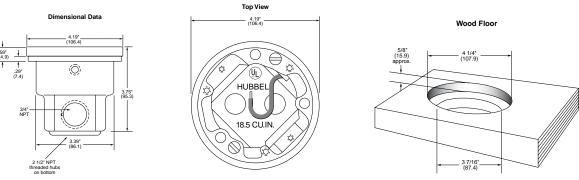
Insert floor box.
 Fasten floor box to floor via 3 wood screws (through 3 slots in floor box flange). (Wood screws not provided).
 Install desired floor box cover (e.g., catalog number S2530).

Note: See page L-16 for selection of covers.



## Floor and Wall Boxes Technical Data

Round and Rectangular Floor Boxes for Wooden Floors Installation Data (Catalog No. B2588, BA2588, B2588275) These floor boxes will accept a standard duplex receptacle



#### Threaded Hubs

Two 1/2" on bottom	Two 3/4" on opposite sides	Catalog No.	
Yes	No	B2588	
Yes	No	BA2588	
Yes	Yes	B2588275	

Note: All tapped holes are plugged.

#### Steps

1. Cut a 37/16" (87.31) diameter hole in wood floor.

2. Counter sink a 41/4" (107.95) diameter hole,

approximately 5/8" (15.9) deep.

Note: If floor covering is used, vary countersink depth accordingly.

3. Insert floor box.

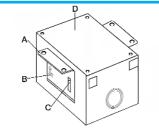
4. Remove brass (or aluminum) ring.

5. Fasten floor box to floor via 3 wood screws (through 3 slots in floor box flange). Wood screws are not provided.
6. Re-install brass (or aluminum) ring to accept floor box cover (e.g., catalog number S3925).

7. Discard ring if metallic carpet flange is required (e.g., catalog number S3082, S3182).

Note: See page L-16 for selection of covers.

**Rectangular Floor Boxes for Wooden Floors** Installation Data (Catalog No. B2481 B2482, B2483).



#### Installation

#### Steps

- **1.** Determine the installation location on the floor.
- **2.** Cut the appropriate sized rectangular hole into the floor.
  - -1 Gang floor box: 3 5/8" x 4 1/2"
  - -2 Gang floor box: 6 7/8" x 4 1/2"
  - -3 Gang floor box: 10 1/16" x 4 1/2"

**3.** Loosen and adjust the side mounting brackets (A) to appropriate numbered line markings (B) on the sides of the floor box. See the table below to determine the appropriate bracket setting based on the thickness of the finished floor and flange installation preference. Refasten the mounting brackets by securely tightening the screws (C) on both sides.

4. Debris cover (D) is to remain installed onto the floor box until floor box flange installation.

#### **INSTALLATION INTO SUB-FLOOR (NEW WORK)**

1. Insert the floor box into the opening of the sub-floor. Mark the sub-floor to recess the mounting brackets by tracing the outline locations of the mounting brackets on the sub-floor and remove box.

2. Chisel or rout the marked bracket locations  $1\!/16"$  deep into the sub-floor.

3 Replace the floor box into the sub-floor opening and secure brackets into the sub-floor with #6 flat head wood screws.

#### **INSTALLATION INTO EXISTING FLOOR (OLD WORK)**

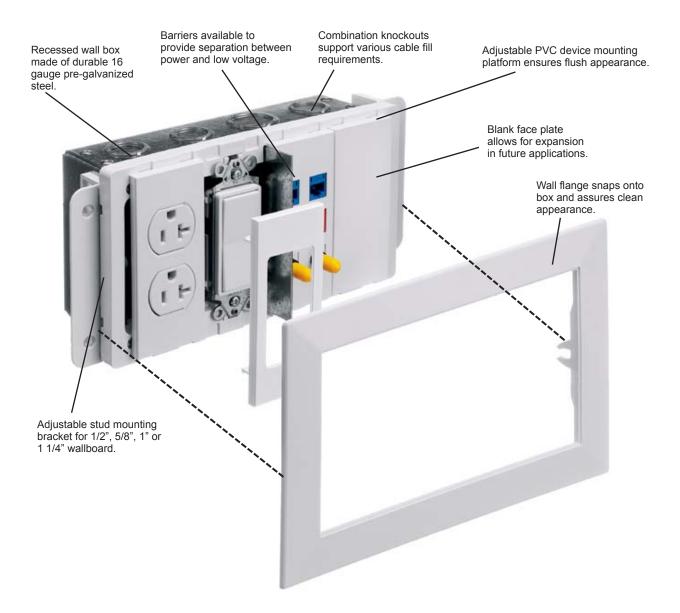
1. Loosen and adjust the mounting brackets to the numbered line '0' on the sides of the floor box. Re-fasten the mounting brackets by securely tightening the screws (both sides).

Insert the floor box into the hole in the finished floor.
 Refer to the floor box installation instructions for finishing the installation.

Finished Floor Thickness	Installation Preference	Required Bracket Setting
3/8"	Flange flush with finished floor (routed floor)	1
3/8"	Flange on top of finished floor	2
1/2"	Flange flush with finished floor (routed floor)	2
1/2"	Flange on top of finished floor	3
3/4"	Flange flush with finished floor (routed floor)	4
3/4"	Flange on top of finished floor	5



Features and Benefits



Hubbell Multi-Connect<sup>®</sup>Recessed Wall Boxes provide a versatile "in the wall" solution for single and multi-service applications. The product offering includes one, two, three, four and six gang boxes, barriers for separation of power and low voltage services, and a wide variety of modular face plates and wall flanges to match office decor. The recessed wall boxes are available in three styles: multi-service wall boxes for drywall applications, low-voltage wall boxes for masonry wall applications. The drywall boxes feature a unique mounting stud bracket that allows the boxes to be used with 1/2", 5/8", 1" and 1 1/2" drywall. Concentric knockouts support the use of a variety of conduit sizes and cable fill needs. The modular face plates are available in a traditional screw type as well as a snap-in style for ease of installation with no exposed hardware. The installation is completed with snap-on wall flanges for a clean appearance. The Multi-Connect system provides superior aesthetics while reducing labor and allowing for future expansion capability.



Boxes and Flanges





1-Gang

2-Gang



3-Gang



4-Gang



6-Gang



3-Gang

4-Gang



#### Multi-Service Recessed Wall Boxes for Drywall Applications

Description	Catalog Numbers
Multi-service recessed wall box, 1-gang, for drywall applications.	HBLWSCS1
Multi-service recessed wall box, 2-gang, for drywall applications.	HBLWSCS2
Multi-service recessed wall box, 3-gang, for drywall applications.	HBLWSCS3
Multi-service recessed wall box, 4-gang, for drywall applications.	HBLWSCS4
Multi-service recessed wall box, 6-gang, for drywall applications.	HBLWSCS6
Barrier for use with above boxes when used in multi-service applications.	HBLSCSBW

#### Low Voltage Recessed Wall Boxes for Drywall Applications

Description	Catalog Numbers
Low Voltage recessed wall box, 2-gang, for drywall applications.	HBLWSCS2MMO
Low Voltage recessed wall box, 3-gang, for drywall applications.	HBLWSCS3MMO
Low Voltage recessed wall box, 4-gang, for drywall applications.	HBLWSCS4MMO
Low Voltage recessed wall box, 6-gang, for drywall applications.	HBLWSCS6MMO

#### Multi-Service Recessed Wall Boxes for Masonry Applications

Description	Catalog Numbers
Multi-service recessed wall box, 1-gang, for masonry applications.	HBLWSCS1MBD
Multi-service recessed wall box, 2-gang, for masonry applications.	HBLWSCS2MBD
Multi-service recessed wall box, 3-gang, for masonry applications.	HBLWSCS3MBD
Multi-service recessed wall box, 4-gang, for masonry applications.	HBLWSCS4MBD
Multi-service recessed wall box, 6-gang, for masonry applications.	HBLWSCS6MBD
Barrier for use with above boxes when used in multi-service applications.	HBLSCSBMBD

#### Wall Box Flanges- Trim Rings

Description	Color	Catalog Numbers
Wall box flange for 1-gang boxes.	White	HBLTRIM1WWA
0 0 0	lvory	HBLTRIM1WI
	Gray	HBLTRIM1WGY
	Black	HBLTRIM1WBK
Wall box flange for 2-gang boxes.	White	HBLTRIM2WWA
	lvory	HBLTRIM2WI
	Gray	HBLTRIM2WGY
	Black	HBLTRIM2WBK
Wall box flange for 3-gang boxes.	White	HBLTRIM3WWA
	lvory	HBLTRIM3WI
	Gray	HBLTRIM3WGY
	Black	HBLTRIM3WBK
Wall box flange for 4-gang boxes.	White	HBLTRIM4WWA
0 0 0	lvory	HBLTRIM4WI
	Gray	HBLTRIM4WGY
	Black	HBLTRIM4WBK
Wall box flange for 6-gang boxes.	White	HBLTRIM6WWA
	lvory	HBLTRIM6WI
	Gray	HBLTRIM6WGY
	Black	HBLTRIM6WBK

Note: See page L-28 for technical information.

Screw and Snap-In Type Face Plates

Madulas Fasa Distant					
Modular Face Plates*	Duplex	Style Line	Toggle	Blank	Hubbell
Color	Catalog Numbers				
White	HBLST302SWA	HBLDE301SWA	HBLTO310SWA	HBLBL300SWA	HBL317SWA
lvory	HBLST302SI	HBLDE301SI	HBLTO310SI	HBLBL300SI	HBL317SI
Black	HBLST302SBK	HBLDE301SBK	HBLTO310SBK	HBLBL300SBK	HBL317SBK
Gray	HBLST302SGY	HBLDE301SGY	HBLTO310SGY	HBLBL300SGY	HBL317SGY
Modular Face Plates*	AMP	AMP-ACO	Krone/Leviton	Avaya (Lucent)	NORDX
Color	Catalog Numbers				
White	HBLAMP313SWA	HBLAM303SWA	HBLKR314SWA	HBLLT309SWA	HBLNO309SWA
lvory	HBLAMP313SI	HBLAM303SI	HBLKR314SI	HBLLT309SI	HBLNO309SI
Black	HBLAMP313SBK	HBLAM303SBK	HBLKR314SBK	HBLLT309SBK	HBLNO309SBK
Gray	HBLAMP313SGY	HBLAM303SGY	HBLKR314SGY	HBLLT309SGY	HBLNO309SGY
Modular Face Plates*					
Color	NORDX DV01	NORDX DVO2	Ortronics	Ortronics #2	Panduit
White	Catalog Numbers HBLNO311SWA	HBLNO312SWA	HBLOR306SWA	HBLORT322SWA	HBLPA308SWA
lvory	HBLNO311SI	HBLNO312SWA	HBLOR306SWA	HBLORT322SWA	HBLPA308SI
Black	HBLNO311SBK	HBLN0312SBK	HBLOR306SBK	HBLORT322SBK	HBLPA308SBK
Gray	HBLNO311SGY	HBLN0312SGY	HBLOR306SGY	HBLORT322SGY	HBLPA308SGY
Modular Face Plates*					
o 1	Siemon #1	Siemon #2	-		
White	Catalog Numbers HBLSI305SWA	HBLSI315SWA	_		
lvory	HBLSI305SI	HBLSI315SI	_		
Black	HBLSI305SBK	HBLSI315SBK	_		
Gray	HBLSI305SGY	HBLSI315SGY	_		
For snap-in style p	isted above are tradi lates, eliminate "S" s T302SWA- screw typ	uffix from catalog	_		

See Page L-28 for technical information.



Technical Information

Dimensional Data				
Hubbell Type	Height	Width	Depth	Gangs
HBLWSCS1	4.44" (112.8)	2.56" (65.0)	2.75" (69.8)	1
HBLWSCS2	4.44" (112.8)	4.56" (115.8)	2.75" (69.8)	2
HBLWSCS3	4.44" (112.8)	6.56" (166.6)	2.75" (69.8)	3
HBLWSCS4	4.44" (112.8)	8.56" (217.4)	2.75" (69.8)	4
HBLWSCS6	4.44" (112.8)	12.56" (319.0)	2.75" (69.8)	6
HBLWSCS2MMO	4.88" (123.8)	4.75" (120.7)	3.50" (88.9)	2
HBLWSCS3MMO	4.88" (123.8)	6.75" (171.4)	3.50" (88.9)	3
HBLWSCS4MMO	4.88" (123.8)	9.25" (235.0)	3.50" (88.9)	4
HBLWSCS6MMO	4.88" (123.8)	13.25" (336.6)	3.50" (88.9)	6
HBLWSCS1MBD	4.88" (123.8)	2.75" (69.9)	3.50" (88.9)	1
HBLWSCS2MBD	4.88" (123.8)	4.79" (120.7)	3.50" (88.9)	2
HBLWSCS3MBD	4.88" (123.8)	6.75" (171.4)	3.50" (88.9)	3
HBLWSCS4MBD	4.88" (123.8)	9.25" (235.0)	3.50" (88.9)	4
HBLWSCS6MBD	4.88" (123.8)	13.25" (336.6)	3.50" (88.9)	6
HBLTRIM1W	6.75" (171.4)	4.25" (107.9)	.25" (6.3)	1
HBLTRIM2W	6.75" (171.4)	6.25" (158.7)	.25" (6.3)	2
HBLTRIM3W	6.75" (171.4)	8.25" (209.5)	.25" (6.3)	3
HBLTRIM4W	6.75" (171.4)	10.25" (260.3)	.25" (6.3)	4
HBLTRIM6W	6.75" (171.4)	13.25" (336.5)	.25" (6.3)	6

#### **Cable Access Knockouts and Openings**

Hubbell Type	Quantity	Size	Location	Туре
HBLWSCS1MBD	2	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWCSC2MBD	4	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS3MBD	6	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS4MBD	8	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS6MBD	12	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS2MMO	1	2"	Top & Bottom	Opening
HBLWSCS3MMO	1	1 1/4"	Side	Knockouts
	1	1 1/4"	Тор	Opening
	4	1/2" x 3/4"	Тор	Knockouts
	1	2"	Bottom	Opening
HBLWSCS4MMO	1	1 1/4"	Side	Knockouts
	2	1 1/4"	Тор	Openings
	4	1/2" x 3/4"	Тор	Knockouts
	1	2"	Bottom	Opening
	1	1/2" x 3/4"	Bottom	Knockouts
	1	3/4" x 1"	Bottom	Knockouts
HBLWSCS6MMO	1	1 1/4"	Side	Knockouts
	3	1 1/4"	Тор	Openings
	6	1/2" x 3/4"	Тор	Knockouts
	2	2"	Bottom	Openings
	1	1/2" x 3/4"	Bottom	Knockouts
	1	3/4" x 1"	Bottom	Knockouts
HBLWSCS1	1	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS2	2	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS3	3	1/2" x 3/4"	Top & Bottom	Knockouts
HBLWSCS4	3	1/2" x 3/4"	Top & Bottom	Knockouts
	1	3/4" x 1"	Top & Bottom	Knockouts
HBLWSCS6	4	1/2" x 3/4"	Top & Bottom	Knockouts
	1	3/4" x 1"	Top & Bottom	Knockouts





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