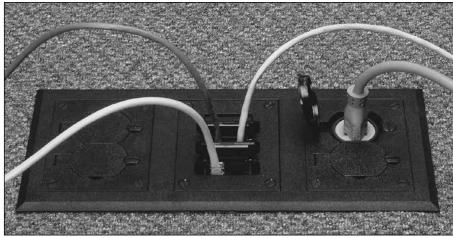


# **WIREMOLD**® 880W Series™ Floor Boxes

# Rectangular Floor Boxes for Wood Floors

880W Series™ Wood Floor Boxes provides an excellent solution for unique wood floor applications when power and communication services are required in remote locations, as in a large, open space area. This wood floor box series is available in a rectangular design in one-, two, or three-gang configurations and can be used in any wood frame construction.

880W Series Wood Floor Boxes have many different applications. Some of those include upscale housing, home offices, board rooms, and gymnasiums.



Three-Gang 880W Series Floor Box shown with a nonmetallic cover for a multiservice application.

#### FEATURES & BENEFITS

- TopGuard protection. An integral design which keeps out water, dirt, and debris from the power or communication compartments. Whenever you see the TopGuard protection icon applied to any Wiremold product, you will know that he product meets and exceeds the new UL scrub water exclusion requirement.
- New brushed aluminum covers for power applications. 830CK Series Aluminum Covers have been redesigned to now accept threaded conduit when passing through power cables.
- New brass and brushed aluminum covers to accept single locking power receptacles. New 828DLR Series provides single flip lid cover.
- New 828COMTC Series Cover Kit in brass and brushed aluminum. Allows communication devices to be recessed into 880W Series Boxes.
- Available in one-, two-, and three-gang configurations. Multiservice separation and even greater capacity when divider is removed. Eliminates cost of using multiple floor boxes for high capacity requirements.
- Triple service capacity. Accommodates power, communication and/or audio/video devices. Eliminates the need for multiple boxes

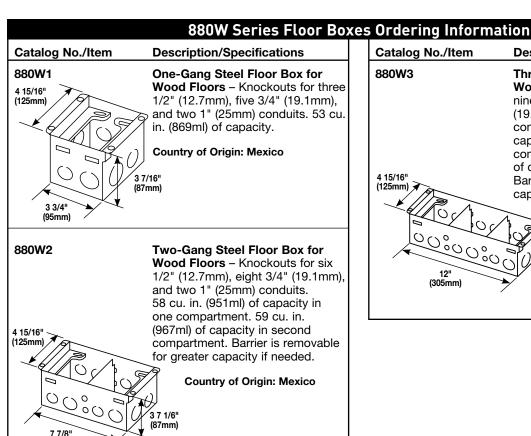
- BAA Aluminum Covers. Rectangular aluminum covers are now available in a version that complies with the Buy America Act and ARRA requirements. Covers are available in five powder coat finishes (black, gray, bronze, brass and nickel.
- Flush activation assembly. Same activation assemblies as Walker concrete floor boxes. Wide range of aesthetically pleasing brass and nonmetallic activations that do not obstruct the floor area or create a safety hazard.
- Datacom connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point-of-use. A wide selection of data and adapter options available for use with Ortronics® TracJack™ and Series II devices.
- Boxes and covers have been listed by Underwriters Laboratories Inc. to their standard UL514A, 514C, 514D, and Canadian standard C22.2.



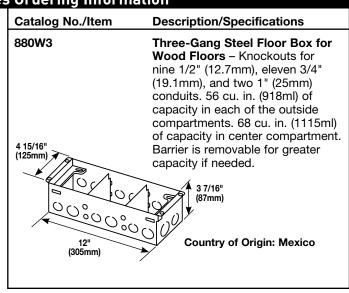
Download this product's PEP ecopasport® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

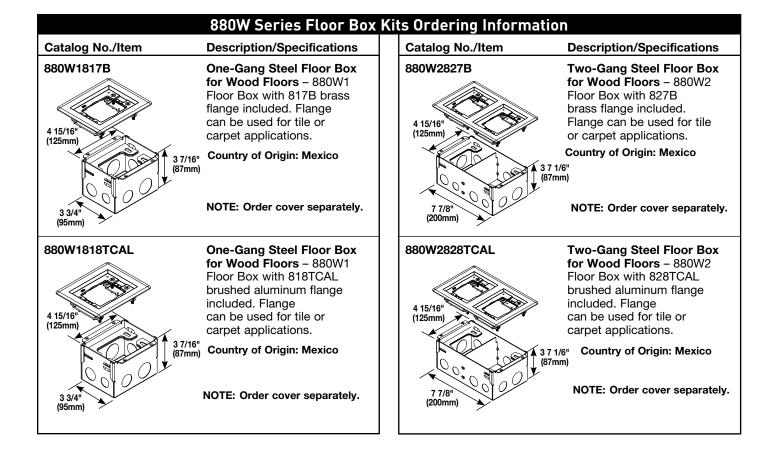


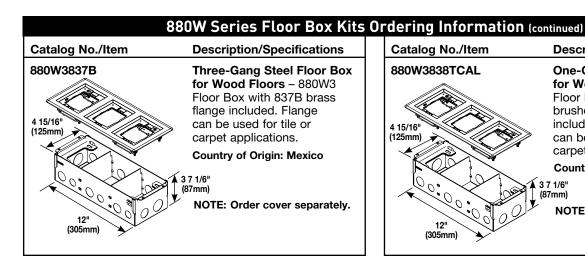
Protection from water, dirt, and debris.



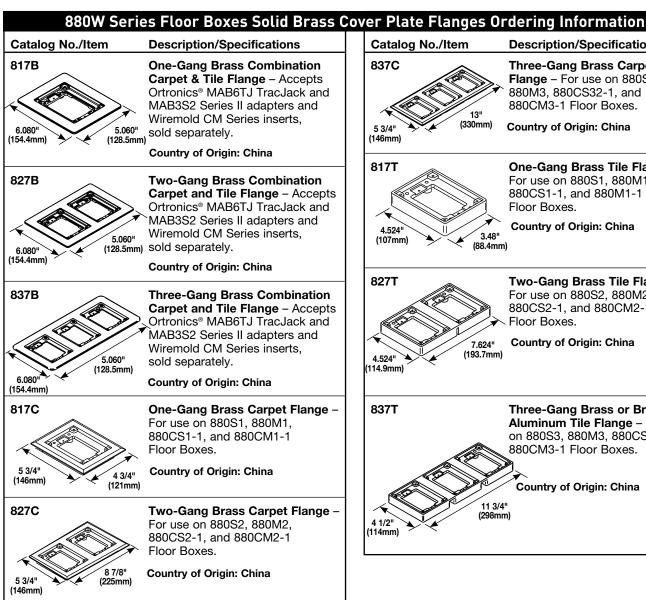
(200mm)

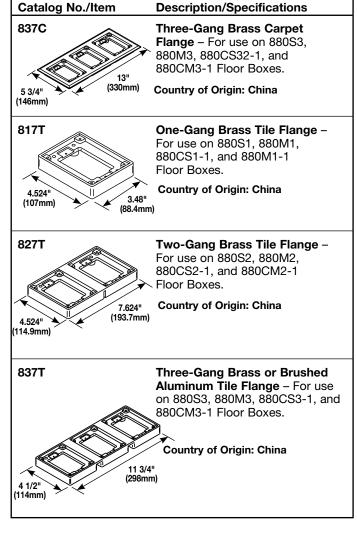












NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

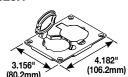


## 880W Series Floor Boxes Metal Cover Plates Ordering Information

#### Catalog No./Item

#### **Description/Specifications**

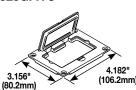
#### 828R



**Brass Duplex Cover Plate** – Flip lids. Can also be used with a 106 type communication adapter.

**Country of Origin: China** 

#### 828GFITC



Brass GFI Cover Plate – May be used with Activate and Ortronics® Connectivity Systems in conjunction with 817B, 827B, and 837B Flanges.

(106.2mm) Country of Origin: China

#### 828DPGFITC



Brass Rectangular Cover Plate – Allows for mounting of a duplex style receptacle with a rectangular style flip lid cover.

Country of Origin: China

#### 828DLR



Brass Single Locking Receptacle Cover Plate – Single flip lid cover for 20A or 30A single locking receptacles. Device opening is 2 5/8" (67mm). For use with maximum female locking device of 1.58" diameter, and maximum male plug face of 2.25" diameter

**Country of Origin: China** 

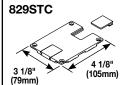
# 828SPTC

3 1/8" (79mm) 4 1/8"

Brass Duplex Cover Plate – Screw plugs. Screw plugs are 1 1/2" (38mm) in diameter.

Country of Origin: China

#### Catalog No./Item

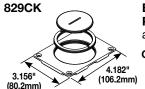


**Description/Specifications** 

Brass Communication Cover

**Plate** – Data slides. Feed through only, not for use with a mounting plate for communication jacks.

**Country of Origin: China** 



**Brass Communication Cover Plate** – 2 5/8" and 2 1/4" (67mm and 57mm) plugs.

Country of Origin: China



**Brass Communication Cover Plate** – 2 5/8" and 1" (67mm and 25mm) plugs.

Country of Origin: China



**Brass Communication Cover Plate** – 2 5/8" and 3/4" (67mm and 19.1mm) plugs.

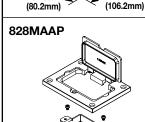
Country of Origin: China



4.182"

**Brass Communication Cover Plate** – 2 5/8" and 1/2" (67mm and 12.7mm) plugs.

Country of Origin: China



3.156

A/V Adapter Plate – Sheet metal adapter plate that accepts two (2) Extron® Electronics MAAP style device plates (sold separately). For use with 828GFITC or 828GFITCAL cover plates. (Sold separately)

Country of Origin: USA

NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.



## 880W Series Floor Boxes Brushed Aluminum Cover Plate Flanges Ordering Information

Catalog No./Item

(125.0mm)

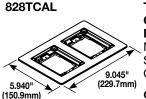
**Description/Specifications** 

818TCAL 5.940 4.920"

**One-Gang Brushed Aluminum Combination Carpet and Tile** Flange - Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.

Country of Origin: China

NOTE: Brushed aluminum flanges come with beveled edges.



**Two-Gang Brushed Aluminum Combination Carpet and Tile** Flange - Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.

Country of Origin: China

NOTE: Brushed aluminum flanges come with beveled edges.

838TCAL

(150.9mm)

**Three-Gang Brushed Aluminum Combination Carpet and Tile** Flange - Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.



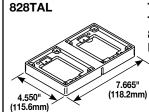
NOTE: Brushed aluminum flanges come with beveled edges.

Catalog No./Item **Description/Specifications 818TAL** 

(89.7mm)



Country of Origin: China 3.530"



4.550

(115.6mm)

**Two-Gang Brushed Aluminum** Tile Flange - For use on 880S2, 880M2, 880CS2-1, and 880CM2-1 Floor Boxes.

Country of Origin: China

Kit - The 838TAL-880 Series

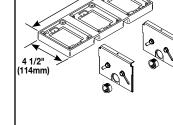
838TAL-880S3 838TAL-880M3 838TAL-880CS3 838TAL-880CM3

> 11 3/4" (298mm)

flanges provide additional load support for 3-gang tile flanges. Kit includes 838TAL Flange and two support dividers.

> NOTE: Order kit for specific box type: 880S3, 880M3, 880CS3, or 880CM3.

Country of Origin: China



NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

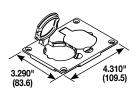


## 880W Series Floor Boxes Metal Cover Plates Ordering Information

#### Catalog No./Item

#### **Description/Specifications**

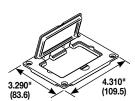
#### 828R-TCAL



**Brushed Aluminum Duplex** Cover Plate - Flip lids. Can also be used with a 106 type communication adapter.

Country of Origin: China

#### 828GFITCAL



**Brushed Aluminum GFI** Cover Plate - May be used with Activate and Ortronics® Connectivity Systems in conjunction with 817B, 827B, and 837B Flanges.

Country of Origin: China

#### 828DPGFITCAL



**Brushed Aluminum Rectangular** Cover Plate - Allows for mounting of a duplex style receptacle with a rectangular style flip lid cover. Country of Origin: China

#### 828DLRAL

NOTE:



**Brushed Aluminum Single** Locking Receptacle Cover Plate -Single flip lid cover for 20A or 30A single locking receptacles. Device opening is 2 5/8" (67mm). For use with maximum female locking device of 1.58" diameter, and maximum male plug face of 2.25" diameter

Country of Origin: China

#### Catalog No./Item

#### 830CKTCAL



#### **Description/Specifications**

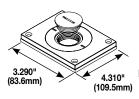
#### **Brushed Aluminum Cover**

Plate - Power or communication plate with 2" (51mm) and 1 1/4" (32mm) plugs.

Country of Origin: China

NOTE: Acceptable for use with threaded conduit when passing through power cables.

#### 830CKTCAL-1



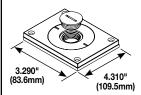
#### **Brushed Aluminum Cover**

Plate – Power or communication plate with 2" (51mm) and 1" (25mm) plugs.

Country of Origin: China

NOTE: Acceptable for use with threaded conduit when passing through power cables.

#### 830CKTCAL-3/4



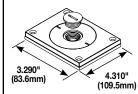
#### **Brushed Aluminum Cover**

Plate - Power or communication plate with 2" (51mm) and 3/4" (19.1mm) plugs.

Country of Origin: China

NOTE: Acceptable for use with threaded conduit when passing through power cables.

#### 830CKTCAL-1/2



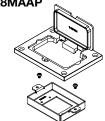
#### **Brushed Aluminum Cover**

Plate - Power or communication plate with 2" (51mm) and 1/2" (12.7mm) plugs.

Country of Origin: China

NOTE: Acceptable for use with threaded conduit when passing through power cables.

# **828MAAP**



A/V Adapter Plate - Sheet metal adapter plate that accepts two (2) Extron® Electronics MAAP style device plates (sold separately). For use with 828GFITC or 828GFITCAL cover plates. (Sold separately)

Country of Origin: USA

Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.



#### 880W Series Floor Boxes Powder-Coated Aluminum Cover Plate Flanges Ordering Information **Description/Specifications** Catalog No./Item **Description/Specifications** Catalog No./Item 817TCAL-BK **One-Gang Powder-Coated Two-Gang Powder-Coated** 827TAL-BK 817TCAL-GY **Aluminum Combination Carpet** 827TAL-GY Aluminum Tile Flange - For use 817TCAL-BS and Tile Flange - Accepts 827TAL-BS on 880S2, 880M2, 880CS2-1, 817TCAL-NK Ortronics® MAB6TJ TracJack and and 880CM2-1 Floor Boxes. 827TAL-NK MAB3S2 Series II adapters and 817TCAL-BZ 827TAL-BZ Flanges are available in five Wiremold CM Series inserts, decorative colors: black, gray sold separately. Flanges are brass, nickel and bronze. available in five decorative colors: Country of Origin: USA black, gray brass, nickel and bronze. Country of Origin: USA 6.080 5.060" 7.624" (154.4mm) (128.5mm) (193.7mm) 4.524" (114.9mm) 827TCAL-BK **Two-Gang Powder-Coated** 827TCAL-GY **Aluminum Combination Carpet** 828R-TCAL-BK **Powder-Coated Aluminum** 827TCAL-BS and Tile Flange - Accepts 828R-TCAL-GY Duplex Cover Plate - Flip lids. Ortronics® MAB6TJ TracJack and 827TCAL-NK 828R-TCAL-BS Can also be used with a MAB3S2 Series II adapters and 828R-TCAL-NK 827TCAL-BZ 106 type communication adapter. Wiremold CM Series inserts, sold 828R-TCAL-BZ **Country of Origin: USA** separately. Flanges are available in five decorative colors: black. gray brass, nickel and bronze. 5.060" (128.5mm) Country of Origin: USA 6.080 4 310" 154.4mm) (109.5)(83.6)837TCAL-BK **Three-Gang Powder-Coated Aluminum Combination Carpet** 828GFITCAL-BK **Powder-Coated Aluminum** 837TCAL-GY and Tile Flange - Accepts 828GFITCAL-GY Rectangular Cover Plate - Allows 837TCAL-BS Ortronics® MAB6TJ TracJack and 837TCAL-NK 828GFITCAL-BS for mounting a duplex receptacle 837TCAL-BZ MAB3S2 Series II adapters and 828GFITCAL-NK (Decorator or GFCI style) with a Wiremold CM Series inserts, sold 828GFITCAL-BZ rectangular flip cover separately. Flanges are available in Country of Origin: USA five decorative colors: black, gray brass, nickel and bronze. Country of Origin: USA 5 060" 6.080 **Powder-Coated Aluminum** 829CKAL-1BK 817TAL-BK **One-Gang Powder-Coated 829CKAL-1GY** Cover Plate - Power or 817TAL-GY Aluminum Tile Flange - For use 829CKAL-1BS communication plate with 2" 817TAL-BS on 880S1, 880M1, 880CS1-1, 829CKAL-1NK (51mm) and 1" (25mm) plugs. and 880M1-1 Floor Boxes. 829CKAL-1BZ Covers are available in five 817TAL-NK decorative colors: black, gray Flanges are available in 817TAL-BZ five decorative colors: black, gray brass, nickel and bronze. brass, nickel and bronze. Country of Origin: USA Country of Origin: USA NOTE: Acceptable for use with 3.290" threaded conduit when passing 4.310" (83.6mm) (109.5mm) through power cables. 4.524 (88.4mm)

NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.



#### OmniBox Series Floor Boxes Powder-Coated Aluminum Cover Plate Flanges Ordering Information (Continued) Catalog No./Item **Description/Specifications** Catalog No./Item **Description/Specifications**

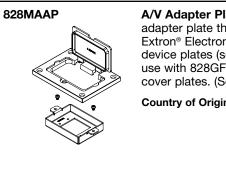
829CKAL-3/4BK 829CKAL-3/4GY 829CKAL-3/4BS 829CKAL-3/4NK 829CKAL-3/4BZ

**Powder-Coated Aluminum** Cover Plate - Power or communication plate with 2" (51mm) and 3/4" (19.1mm) plugs. Covers are available in five decorative colors: black, gray brass, nickel and bronze.

3.290" 4 310 (83.6mm) (109.5mm)

Country of Origin: USA

NOTE: Acceptable for use with threaded conduit when passing through power cables.



A/V Adapter Plate - Sheet metal adapter plate that accepts two (2) Extron® Electronics MAAP style device plates (sold separately). For use with 828GFITC or 828GFITCAL cover plates. (Sold separately)

Country of Origin: USA

# 880W Series Floor Boxes Nonmetallic Cover Plate Flanges Ordering Information

# 817PCC-BLK 817PCC-BRN

Catalog No./Item

# 5 3/4" (146mm) 4 3/4" (121mm)

**Description/Specifications** 

**One-Gang Nonmetallic** Carpet Flange - Available in black or brown. For Ortronics® connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.

**Country of Origin: Mexico** 

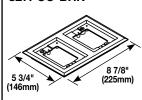
Catalog No./Item 837PCC-BLK 837PCC-BRN (330mm) 5 3/4" (146mm)

**Description/Specifications** 

**Three-Gang Nonmetallic** Flange - Available in black or brown. For Ortronics® connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.

Country of Origin: Mexico

#### 827PCC-BLK 827PCC-BRN



**Two-Gang Nonmetallic** Carpet Flange - Available in black or brown. For Ortronics® connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters and Wiremold CM Series inserts, sold separately.

Country of Origin: Mexico

NOTE: UL Listed for tile, terrazzo, and carpet floors.

Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.



# 880W Series Floor Boxes Nonmetallic Cover Plates Ordering Information

# Catalog No./Item

### **Description/Specifications**

# **Description/Specifications**

Series II adapters included.

#### 828PR-BLK 828PR-BRN



**Nonmetallic Duplex Cover** Plate - Flip lids. Available in black or brown. Can also be used with a 106 type communication adapter.

Country of Origin: USA

# 4 1/8" 3 3/16" (105mm) (81mm)

Catalog No./Item

829PFLRT-BLK

829PFLRT-BRN

**Nonmetallic Communication** Cover Plate - Individual flip lids.\* Available in black or brown. Gasket included. Ortronics® MAB6TJ TracJack and MAB3S2

**Country of Origin: USA** 

#### 828PRGFI-BLK 828PRGFI-BRN

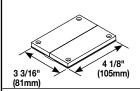
(81mm)



Nonmetallic GFI Cover Plate - Available in black or brown. May be used with Ortronics® Connectivity systems in conjunction with 817, 827 and 837PCC Series flanges.

Country of Origin: USA

#### 829PCK-BLK 829PCK-BRN

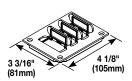


**Nonmetallic Communication** Cover Plate - Breakouts. Available in black or brown. Feed through only, not for use with a mounting plate for communication jacks.

Country of Origin: USA

#### 829PFL-BLK 829PFL-BRN

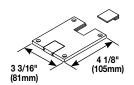
NOTE:



**Nonmetallic Communication** Cover Plate - Individual flip lids.\* Available in black or brown. Gasket included. Wiremold CM Series inserts included.

Country of Origin: USA

#### 829PSTC-BLK 829PSTC-BRN



**Nonmetallic Communication** Cover Plate - Data slides. Available in black or brown. Feed through only, not for use with a mounting plate for communication jacks.

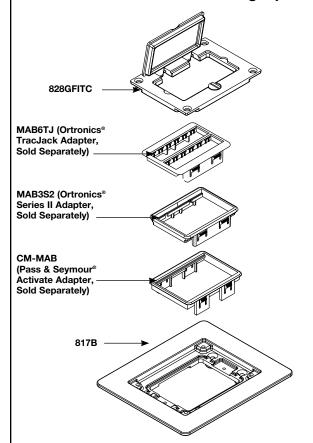
**Country of Origin: USA** 

Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.



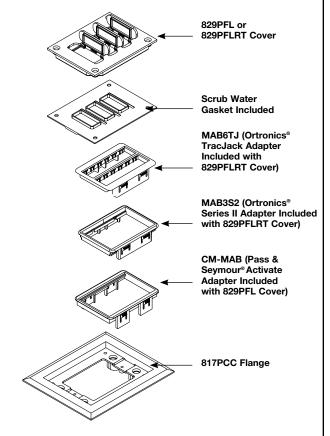
# **Mounting Options for Connectivity Inserts**

# **Brass Cover Plate Mounting Option**



Pass & Seymour® Activate and Ortronics® inserts are sold separately. Mounting methods typical for two-and three-gang versions.

# **Nonmetallic Cover Plate Mounting Option**



Pass & Seymour® Activate and Ortronics® inserts are sold separately. Mounting method typical for two- and three-gang versions. Part is scrub water approved for use on tile floors. To maintain scrub water resistance, blank connectivity inserts must be inserted in unused openings.

NOTE: The 828GFITC Cover must remain open on some inserts.

NOTE: 829PFL Cover must remain open on some Activate connectivity inserts.

# NOTES

# NOTES

NOTE: All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.



NOTE: The paper used to print this document is an environmentally responsible paper with 10% post consumer waste, with FSC and SFI Chain of Custody certifications, Lacey Act complaint. 100% of the electricity used to manufacture Flo sheets is generated with Green-e certified renewable energy.



### **Electrical Wiring Systems**

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570 Applewood Crescent Vaughan, Ontario L4K 4B4 Phone:905.738.9195 www.legrand.ca

