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SECTION 26 27 26
FLOOR, TABLE, AND WALL BOXES

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PART 1 GENERAL

1.1 SECTION INCLUDES

A. Concrete Floor Boxes

B. Raised Access, Computer & Stage Floor Boxes

C. Table Boxes

D. Wall Boxes

E. Specialty Boxes

1.2 RELATED SECTIONS

A. Section 33 81 26 - Communications Underground Ducts, Manholes, and Handholes.

B. Section 07 84 53 - Building Perimeter Firestopping .

C. Section 09 51 23 - Acoustical Tile Ceilings.

D. Section 27 05 29 - Hangers and Supports for Communications Systems.

E. Section 27 05 33 - Conduits and Backboxes for Communications Systems.

F. Section 26 27 23 - Indoor Service Poles.

G. Section 27 05 36 - Cable Trays for Communications Systems.

H. Section 26 05 33 - Raceway and Boxes for Electrical Systems.

I. Section 26 27 26 - Wiring Devices.

J. Section 26 05 00 - Common Work Results for Electrical.

K. Section 27 40 00 - Audio-Video Communications

1.3 REFERENCES

A. NEMA OS 1 - Sheet Steel Outlet Boxes, Device Boxes, Covers, and Box Supports.

B. NEMA OS 2 - Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports.

C. NEMA FB 1 - Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit and Cable Assemblies.

1.4 SYSTEM DESCRIPTION

A. Boxes located as indicated on Drawings, and at other locations required for splices, taps, wire pulling, equipment connections, and compliance with regulatory requirements. Boxes are shown in approximate locations unless dimensioned. Section 27 05 33 - Conduits and Backboxes for Communications Systems includes raceway to complete wiring system.

1.5 SUBMITTALS

A. Submit under provisions of Section 01 30 00 - Administrative Requirements.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation instructions.

C. Verification Samples: For each product specified, two samples of each device illustrating size, material, configuration and finish.

D. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

B. Protect from corrosion and entrance of debris by storing above grade. Provide appropriate covering.

1.8 COORDINATION

A. Coordinate Work with other operations and installation of finish materials to avoid damage to adjacent materials.

B. Coordinate installation of outlet boxes for equipment connected under Section 26 05 00 - Common Work Results for Electrical.

C. Coordinate installation of outlet boxes for equipment connected under 16800 Sound and Video Equipment:

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: FSR Inc., which is located at: 244 Bergen Blvd.; Woodland Park, NJ 07424; Toll Free Tel: 800-332-3771; Tel: 973-785-4347; Fax: 973-785-4207; Email:request info (djohnson@fsr.com); Web:http://fsrinc.com

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 CONCRETE FLOOR BOXES

A. Concrete Floor Boxes General: Comply with NEMA OS 1 and are both UL and CUL listed. For power, audio, video, telecommunications and data.

B. Model FL-200: Floor box for concrete floors covered with carpet, tile and wood. Provided with lift off access door, U-ACCESS Cover and neoprene gaskets and is UL scrub water resistance approved for carpet, tile and wood floors.
   1. Temporary Construction Cover: 11 gauge (3 mm) steel.
   2. Cover: Lift off type, 11 gauge (3 mm) finished steel with gray or black aluminum carpet edging.
      a. 1/2 inch (12.5 mm) Brass Square Tile /Carpet Flange. Lift off door.
      b. 1/4 inch (6 mm) Brass Beveled Tile/Carpet Flange. Lift off door.
      c. 1/4 inch (6 mm) Square Brass Tile/Carpet Flange. Lift off door.
      d. 1/2 inch (12.5 mm) Aluminum Square Tile/Carpet Flange. Lift off door.
      e. 1/4 inch (6 mm) Aluminum Beveled Tile and Carpet Flange. Lift off door.
      f. 1/4 inch (6 mm) Square Aluminum Tile/Carpet Flange. Lift off door.
      g. 1/4 inch (6 mm) Painted Square Tile/Carpet Flange, Grey. Lift off door.
      h. 1/4 inch (6 mm) Painted Beveled Tile/Carpet Flange, Clay. Lift off door.
      i. 1/4 inch (6 mm) Painted Square Tile and Carpet Flange, Black. Lift off door.
      j. Solid Cover w/ Cable Exit, No Flange), Aluminum.
      k. Solid Cover w/ Cable Exit, No Flange), Black.
      l. Solid Cover w/ Cable Exit, No Flange), Clay.
      m. Solid Cover w/ Cable Exit, No Flange), Gray.
   3. Box Size 6.15 inches by 8.75 inches (156 mm by 222 mm).
   4. Box Depth:
      a. 3 inches (76 mm) with 2 single gang Decora compartments.
      b. 4 inches (102 mm) accommodates extra deep devices from Hubble, Crestron, AMX and others with use of MMS-FL200-4 Bracket.
   5. Optional Bracket:
      a. Crestron DM-TX-200-C-2G Wallplate Mounting Bracket w/Blank Plate, 4 inch deep box only.
   6. Optional Accessory:
      a. Temporary and Final Cover Shim Kit.

C. Model FL-500P: Floor box for concrete floors covered with carpet, tile and wood. Provided with U-ACCESS Cover and neoprene gaskets and is UL scrub water resistance approved for carpet, tile and wood floors.
   1. Provided with two angled brackets, to handle standard size plates: 1 single, 1 double and 1 four-gang opening.
   2. Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
   3. Temporary Construction Cover: 11 gauge (3 mm) steel.
   4. Cover: Lift off type, 11 gauge (3 mm) finished steel with gray or black aluminum carpet edging.
      a. 1/2 inch (12.5 mm) Brass Carpet Flange. Lift off door.
      b. 1/4 inch (6 mm) Brass Carpet Flange. Lift off door.
      c. 1/4 inch (6 mm) Square Brass Flange. Lift off door.
      d. 1/2 inch (12.5 mm) Aluminum Carpet Flange. Lift off door.
      e. 1/4 inch (6 mm) Aluminum Carpet Flange. Lift off door.
      f. 1/4 inch (6 mm) Square Aluminum flange. Lift off door.
      g. 1/4 inch (6 mm) Painted Carpet Flange- Grey. Lift off door.
      h. 1/4 inch (6 mm) Painted Carpet Flange- Clay. Lift off door.
      i. 1/4 inch (6 mm) Painted Carpet Flange- Black. Lift off door.
      j. (No Flange) with Hinged Door in Black Sandtex.
      k. (No Flange) with Hinged Door in Light Oak Sandtex.
      l. Solid Cover w/ Cable Exit, No Flange), Aluminum.

m. Solid Cover w/ Cable Exit, No Flange), Black.
n. Solid Cover w/ Cable Exit, No Flange), Clay.
o. Solid Cover w/ Cable Exit, No Flange), Gray.
p. Stainless Steel Cover, No Flange with Hinged Door.

5. Box Size 12.00 inches by 10.00 inches (305 mm by 254 mm).
6. Box Height:
 a. 2.25 inches (57 mm).
 b. 3 inches (76 mm).
 c. 4 inches (102 mm).
 d. 6 inches (152 mm).
 e. 8 inches (203 mm).
 f. 10 inches (254 mm).
7. Optional Brackets:
 a. 2 Decora Openings, No Divider, Replaces Blank Plate. 2.25 inch (57 mm) Box Only.
 b. 3 Single Gang Openings, No Divider, Replaces 4G Plate. 4 inch (102 mm) Box Only.
 c. 3 Single Gang Openings, No Divider, Replaces 4G Plate. 6 inch (152 mm) Box Only.

D. Model FL-600P: Floor box for concrete floors covered with carpet, tile and wood. Provided with U-ACCESS Cover and neoprene gaskets and is UL scrub water resistance approved for carpet, tile and wood floors. Not intended for contact with grade.
1. Provided with two angled bracket to handle 2 single, 1 triple, 1 six gang opening.
2. Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
3. Temporary Construction Cover: 11 gauge (3 mm) steel.
4. Cover: Lift off type, 11 gauge (3 mm) finished steel with:
 a. 1/4 inch (6 mm) Brass Carpet Flange. Lift off door.
 b. 1/4 inch (6 mm) Square Brass Flange. Lift off door.
 c. 1/2 inch (12 mm) Brass Square Flange (Lift off door.
 d. 1/4 inch (6 mm) Aluminum Carpet Flange. Lift off door.
 e. 1/4 inch (6 mm) Square Aluminum Flange. Lift off door.
 f. 1/2 inch (12 mm) Aluminum Square Flange (Lift off door)
 g. 1/4 inch (6 mm) Painted Beveled Flange - Black (Lift off door)
 h. 1/4 inch (6 mm) Painted Carpet Flange- Gray. Lift off door.
 i. 1/4 inch (6 mm) Painted Carpet Flange- Clay. Lift off door.
 j. No Flange with Hinged Door in Black Sandtex.
 k. No Flange with Hinged Door in Light Oak Sandtex.
 l. No Flange with Hinged Door in Stainless Steel.
 m. Solid Cover w/ Cable Exit, No Flange), Aluminum.
 n. Solid Cover w/ Cable Exit, No Flange), Black.
 o. Solid Cover w/ Cable Exit, No Flange), Clay.
 p. Solid Cover w/ Cable Exit, No Flange), Gray.
5. Box Size 12.00 inches by 13.50 inches (305 mm by 343 mm).
6. Box Height:
 a. 4 inches (102 mm).
 b. 6 inches (152 mm).

E. Model FL-700: Floor box for concrete floors covered with carpet, tile and wood. Provided with stainless steel quarter turn compression latches and neoprene gaskets and is UL scrub water resistance approved for carpet, tile and wood floors.
1. Provided with one angled bracket to handle 2 single, 1 triple gang opening.
2. Provided with 1/2 inch (12 mm), 3/4 inch (19 mm), 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
3. Temporary Construction Cover: 11 gauge (3 mm) steel.
4. Cover: Lift off type, 11 gauge (3 mm) finished steel with:

   a. 1/4 inch (6 mm) Brass Carpet Flange, Lift off door, Gray or black, Brass or Aluminum carpet edging .25 inch (6 mm) high.

   b. 1/4 inch (6 mm) Square Brass Flange, Lift off door, Mitered brass carpet edging .25 inch (6 mm) high.

   c. 1/4 inch (6 mm) Aluminum Carpet Flange, Lift off door.

   d. 1/4 inch (6 mm) Square Aluminum Flange, Lift off door.

   e. No Flange with Hinged Door in Black Sandtex.

   f. No Flange with Hinged Door in Light Oak Sandtex.

  5. Box Size 8.00 inches by 14.00 inches (203 mm by 356 mm).

  6. Box Height: 5.125 inches (130 mm).

F. Model FL-710: Floor box for concrete floors covered with carpet, tile and wood. Provided with stainless steel quarter turn compression latches and neoprene gaskets and is UL scrub water resistance approved for carpet, tile and wood floors.

  1. Provided with one angled bracket to handle 1 single, 1 double gang opening.

  2. Provided with 1/2 inch (12 mm), 3/4 inch (19 mm), 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.

  3. Temporary Construction Cover: 11 gauge (3 mm) steel.

  4. Cover: Lift off type, 11 gauge (3 mm) finished steel with:

   a. 1/4 inch (6 mm) Brass Carpet Flange, Lift off door, Gray or black, Brass or Aluminum carpet edging .25 inch (6 mm) high.

   b. 1/4 inch (6 mm) Square Brass Flange, Lift off door, Mitered brass carpet edging .25 inch (6 mm) high.

   c. 1/4 inch (6 mm) Aluminum Carpet Flange, Lift off door.

   d. 1/4 inch (6 mm) Square Aluminum Flange, Lift off door.

   e. No Flange with Hinged Door in Black Sandtex.

   f. No Flange with Hinged Door in Light Oak Sandtex.

  5. Box Size 8.00 inches by 9.00 inches (203 mm by 229 mm).

  6. Box Height: 5.125 inches (130 mm).

G. Model FL-2000: Floor box for concrete floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur.

  1. Provided with pre-cut bracket for 1 standard duplex and a blank 5.25 inch by 8.5 inch (133 mm by 216 mm) plate.

  2. Provided with 1/2 inch (12 mm), 3/4 inch (19 mm), 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.

  3. Temporary Construction Cover: 11 gauge (3 mm) steel.

  4. Cover: Hinged type.

   a. 1/8 inch (3 mm) finished steel black Santex painted finish

   b. 1/8 inch (3 mm) solid brass.

   c. 1/8 inch (3 mm) steel with oak Santex painted finish.

  5. Box Size 12.00 inches by 10.00 inches (305 mm by 254 mm).

  6. Box Height: 6 inches (152 mm).

  7. Optional Internal Plates:

   a. 6 C Type Switchcraft XLR and 2 Speakon Plate for FL-1500 and FL-2000.

   b. 3 Gang Large Plate for FL-1500 and FL-2000.

   c. 4 Gang Large Plate for FL-1500 and FL-2000.

   d. 12 XLR Large Plate for FL-1500 and FL-2000.

   e. 18 XLR Large Plate for FL-1500 and FL-2000.

   f. 3 x 6 IPS Openings Large Plate for FL-1500 and FL-2000.

H. Model FLH20-0: High load capacity Floor Box for bare concrete floors. Not intended for contact with grade. Scrub water rated. Box is UL and CUL rated.

  1. Provided with 1 inch (25 mm), 1.25 inches (32 mm), 1.5 inches (38 mm) knockouts.

  2. Two universal openings accept one or two electrical plates with a maximum total size of 4 gangs.

3. Temporary Construction Cover: 11 gauge (3 mm) steel.
4. Cover: Lift off type.
   a. 7/8 inch (22 mm) thick type 6061 T6 heat treated aluminum.
   b. Solid Cover, No Carpet Trim for FLH20 Aluminum.
   c. Load rated Temp/ Abandonment Cover for FL-H20-0 Back Box.
   d. Back Box with Configurable Internal Brackets for Solid Cover.
5. Box Size: 15.00 inches by 13.00 inches (381 mm by 330 mm).
6. Box Height: 6 inches (152 mm).

I. Model FLH20-1: High load capacity Floor Box for carpeted concrete floors. Not intended for contact with grade. Scrub water rated. Box is UL and CUL rated.
   1. Provided with 1 inch (25 mm), 1.25 inches (32 mm), 1.5 inches (38 mm) knockouts.
   2. Two universal openings accept one or two electrical plates with a maximum total size of 4 gangs.
   3. Temporary Construction Cover: 11 gauge (3 mm) steel.
   4. Cover: Lift off type.
      a. 7/8 inch (22 mm) thick type 6061 T6 heat treated aluminum.
      b. Solid Cover, 0.2 inch Carpet Trim standard for FLH20-1 Aluminum. Optional Carpet Trim up to 0.5 inch
      c. Load rated Temp/ Abandonment Cover for FL-H20-1 Back Box.
      d. Back Box with Configurable Internal Brackets for Solid Cover.
   5. Box Size: 15.00 inches by 13.00 inches (381 mm by 330 mm).
   6. Box Height: 6 inches (152 mm).

J. Pour Pan Accessory: For use under floor boxes for concrete floors on grade and that may rest on soil, rock or gravel. Unit comes with extended length leveling feet, and the unique "pan wings" prevent the pan from shifting during the pour.
   1. FL-GRD2: Galvanized steel with four 5 inch (127 mm) adjustment legs.
      a. Overall Size: 26 inches by 19-3/4 inches (660 mm by 502 mm).
      b. Bottom Size: 15-3/4 inches (400 mm).
      c. Depth: 2 inches (51 mm).
   2. FL-GRD4: Galvanized steel with four 5 inch (127 mm) adjustment legs.
      a. Overall Size: 26 inches by 23-3/4 inches (660 mm by 603 mm).
      b. Bottom Size: 15-3/4 inches (400 mm).
      c. Depth: 4 inches (102 mm).
   3. FL-GRD200: Galvanized steel with four 5 inch (127 mm) adjustment legs.
      a. Overall Size: 22 inches by 15-3/4 inches (559 mm by 401 mm).
      b. Bottom Size: 11-3/4 inches (299 mm).
      c. Depth: 2 inches (51 mm).

K. Concrete Floor Box Kits: SmartFit concrete floor boxes provided as kits.
   1. Fire Rated Poke Through: SmartFit-Poke Though Floor Box Kits. UL Listed for use in 1-4 hour rated floors. Features dual 1 inch (25 mm) E.M.T. conduit tubes. IPS insert plates provide pass-through connectivity for audio, video, phone, data, power, and control connectors. AC power is provided pre-wired with each plate. Box is UL rated.
      a. SF-CI5-PK1: Active computer interface, drives audio and video signals up to 150 feet (45.7 m).
      b. SF-CI5LB-PK1: Active computer interface with loop back, drives A/V signals up to 150 feet (45.7 m).
      c. SF-PCI5-PK1: Passive computer interface, drives Audio and Video signals up to 50 feet (15.2 m).
      d. SF-SVA-PK1: Active Composite and S-Video interface, drives A/V signals up to 150 feet (45.7 m). '
      e. SF-IPS-PK1: Floor Fitting for 3 IPS interface plates and one provided 20 amp receptacle.
   2. PVC Concrete Floor Pour Box Kits include a PVC floor box, sub-plate, A/V Decora

Insert and all necessary hardware. UL scrub water resistance approved. Provided with concrete cap, conduit reducers, and conduit hub plugs. Box is UL rated.

    a. SF-CI5-PB: Active computer interface, drives audio and video signals up to 150 feet (45.7 m).

    b. SF-CI5LB-PB: Active computer interface with loop back, drives A/V signals up to 150 feet (45.7 m).

    c. SF-PCI5-PB: Passive computer interface, drives Audio and Video signals up to 50 feet (15.2 m).

    d. SF-SVA-PB: Active Composite and S-Video interface, drives A/V signals up to 150 feet (45.7 m).

    e. SF-IPS-PB: Floor Fitting for 3 IPS interface plates and one provided 20 amp receptacle.

    f. SF-CI5-D-PB: Active computer interface drives audio and video signals up to 150 feet (45.7 m).

    g. SF-CI5LB-D-PB: Active computer interface with loop back, drives A/V signals up to 150 feet (45.7 m).

    h. SF-PCI5-D-PB: Passive computer interface drives Audio and Video signals up to 50 feet (15.2 m).

    i. SF-SVA-D-PB: Active Composite and S-Video interface, drives A/V signals up to 150 feet (45.7 m).

3. Fire Rated Poke Through: SmartFit-Poke through Floor Box Kits. UL Listed for use in 1-4 hour rated floors. Features .75 inch and 1.5 inch (38 mm) E.M.T. conduit tubes. The proper sub-plates are provided for pass-through connectivity for audio, video, phone, data, power, and control connectors. AC power and are pre-wired with each plate. Box is UL rated.

    a. SF-CI5-PK1.5: Active computer interface drives audio and video signals up to 150 feet (45.7 m).

    b. SF-CI5LB-PK1.5: Active computer interface with loop back, drives A/V signals up to 150 feet (45.7 m)

    c. SF-PCI5-PK1.5: Passive computer interface drives Audio and Video signals up to 50 feet (15.2 m).

    d. SF-SVA-PK1.5: Active Composite and S-Video interface, drives A/V signals up to 150 feet (45.7 m).

    e. SF-IPS-PK1.5: Floor fitting for 3 IPS interface plates.

    f. SF-CI5-D-PK1.5: Active computer interface drives audio and video signals up to 150 feet (45.7 m).

    g. SF-CI5LB-D-PK1.5: Active computer interface with loop back, drives A/V signals up to 150 feet (45.7 m).

    h. SF-PCI5-D-PK1.5: Passive computer interface drives Audio and Video signals up to 50 feet (15.2 m).

    i. SF-SVA-D-PK1.5: Active Composite and S-Video interface, drives A/V signals up to 150 feet (45.7 m).

4. SmartFit Floor Box Covers:

    a. SF-BC-CV Brass Carpet Cover.

    b. SF-SC-CV Silver Carpet Cove.

    c. SF-BLKC-CV Black Carpet Cover.

    d. SF-BT-CV Brass Tile Cover.

    e. SF-ST-CV Silver Tile Cover.

    f. SF-BLKT-CV Black Tile Cover.

5. SmartFit Individual Parts:

    a. SF-PK1: 4 inch (102 mm) Poke Through 2 x 1 inch (12 mm) Conduits Assembly Only.

    b. SF-PK1.5: 4 inch (102 mm) Poke Through 1.5 inch (38 mm) and .75 inch (19 mm) Conduit- Assembly Only.

    c. SM-PB: 4 inch (102 mm) Pour Box Only.

    d. SF-DDP: Dual Decora Sub Plate.

        e.   SF-IPSP: IPS + Power Sub Plate.
        f.   SF-2SDP: Decora, AC and 2 Keystone Sub Plate.

L.   Concrete Floor Box Kits: SmartFit Fire Rated Poke-Thru concrete floor boxes and covers, sub-plates and accessories.

1.   SmartFit 6 inch (152 mm) Fire Rated Poke Through:

     a.   Features:
          1)   Drop down cable access doors to reduce trip hazards.
          2)   Furniture feed option, 6 inch (152 mm) core hole, for up to thirty CAT 6a data cables and ten 10 AWG power wires.
          3)   Pre-pour tubes remove the need for core hole drilling.
          4)   Sub-plates accept IPS Plates and third party devices.

     b.   Specifications:
          1)   2 hour fire rating.
          2)   180 degree access door opening.
          3)   Flange height 0.15 inch (4 mm) and complies with ADA requirements.
          4)   Power wiring junction box included.
          5)   Complies with UL514A for scrub water test.
          6)   1000 lb. cover load rating with 2 x safety factor.
          7)   ULC and cULus rated.

     c.   Complete Poke-Thru with Cover and Sub-Plates: Includes: 6 inch (152 mm) floor fitting, Dual Decora opening subplate, Dual 20A pre-wired AC outlet subplate, Cover Assembly, Junction box.
          1)   SF6-CPT-DD-ALM Brushed aluminum cover.
          2)   SF6-CPT-DD-BLK Black cover.
          3)   SF6-CPT-DD-BRS Brushed brass cover.

     d.   Complete Poke-Thru with Cover and Sub-Plates: Includes: 6 inch (152 mm) floor fitting, One Decora and two keystone opening subplate, One 6-IPS subplate, One 4-IPS subplate, Four 20A pre-wired AC outlet subplate, Cover Assembly, Junction box.
          1)   SF6-CPT-AVD-ALM Brushed aluminum cover.
          2)   SF6-CPT-AVD-BLK Black cover.
          3)   SF6-CPT-AVD-BRS Brushed brass cover.

     e.   Complete Poke-Thru with Cover and Sub-Plates: Includes: 6 inch (152 mm) floor fitting for furniture feed, 2 inch (51 mm) conduit fitting for data and AV, 3/4 inch (19 mm) conduit fitting for power, Cover Assembly, Junction box.
          1)   SF6-CPT- ALM Brushed aluminum cover.
          2)   SF6-CPT- BLK Black cover.
          3)   SF6-CPT- BRS Brushed brass cover.

     f.   Poke-thru without cover: SF6-PT

     g.   Covers:
          1)   SF6-CVR-ALM Brushed aluminum cover.
          2)   SF6-CVR-BLK Black cover.
          3)   SF6-CVR-BRS Brushed brass cover.

     h.   Optional Parts 60/40 Split:
          1)   SF6-SPLL1 One decorator opening with two IPS openings (left plate).
          2)   SF6-SPLL2 One decorator opening with two Extron AAP openings (left plate).
          3)   SF6-SPLL3 Two decorator opening sub-plate (left plate).
          4)   SF6-SPSR1 Two 20A pre-wired receptacles with 16 inch (406 mm) wire lead (right plate).

     i.   Optional Parts 50/50 Split:
          1)   SF6-SPL4 Blank cover plate sub-plate (left plate).
          2)   SF6-SPL5 One decorator and two keystone openings (left plate).
          3)   SF6-SPL6 Three IPS 2 keystone jacks (left plate).
          4)   SF6-SPL7 One decorator opening (left plate).

5) SF6-SPR2 1.56 inch (40 mm) opening for Twist-Lock sub-plate (right plate).
6) SF6-SPR3 Single duplex device opening sub-plate (right plate).
7) SF6-SPR4 1.39 inch (35 mm) opening for Twist-Lock sub-plate (right plate).
8) SF6-SPR5 Single decorator device opening sub-plate (right plate).
9) SF6-SPR6 Four pre-wired power cubes with 16 inch (406 mm) wire lead (right plate).
j. Accessories
1) SF6-P 6 inch pre-pour sleeve.
2) SF6-ABAND Abandonment for 6 inch (203 mm) core hole cover.
2. SmartFit 8 inch (152 mm) Fire Rated Poke Through:
a. Features:
1) Drop down cable access doors to reduce trip hazards.
2) Pre-pour tubes remove the need for core hole drilling.
3) Sub-plates accept IPS Plates and third party devices.
4) NEMA WD6 Device spacing.
b. Specifications:
1) 2 hour fire rating.
2) 180 degree access door opening.
3) Flange height 0.15 inch (4 mm) and complies with ADA requirements.
4) Power wiring junction box included.
5) Complies with UL514A for scrub water test.
6) 1000 lb. cover load rating with 2 x safety factor.
7) ULC and cULus rated.
c. Complete Poke-Thru with Cover and AC: Includes: 8 inch (152 mm floor fitting, Two dual 20A pre-wired AC outlet sub-plates, EMT fitting adapter with (1) 1 inch (25 mm) and (1) 1.5 inch (38 mm) stub, Cover assembly, Junction box.
1) SF8-CPT-JNC1-ALM Brushed aluminum cover.
2) SF8-CPT-JNC1-BLK Black cover.
3) SF8-CPT-JNC1-BRS Brushed brass cover.
d. Complete Poke-Thru with Cover and AC: Includes: 8 inch (152 mm floor fitting, Two dual 20A pre-wired AC outlet sub-plates, EMT fitting adapter with (2) 1 inch (25 mm) stubs, Cover assembly, Junction box.
1) SF8-CPT-JNC2-ALM Brushed aluminum cover.
2) SF8-CPT-JNC2-BLK Black cover.
3) SF8-CPT-JNC2-BRS Brushed brass cover.
e. Complete Poke-Thru with Cover and AC: Includes: 8 inch (152 mm floor fitting, Two dual 20A pre-wired AC outlet sub-plates, EMT fitting adapter with (1) 2 inch (38 mm) stub, Cover assembly, Junction box.
1) SF8-CPT-JNC3-ALM Brushed aluminum cover.
2) SF8-CPT-JNC3-BRS Brushed brass cover.
3) SF8-CPT-JNC3-BLK Black cover.
f. Poke-thru without cover:
1) SF8-PT-JNC1 Includes 8 inch (152 mm) floor fitting, EMT fitting adapter with (1) 1 inch (25 mm) and (1) 1.5 inch (38 mm) stub, Junction Box
2) SF8-PT-JNC2 Includes 8 inch (152 mm) floor fitting, EMT fitting adapter with (2) 1 inch (25 mm) stubs, Junction box
3) SF8-PT-JNC3 Includes 8 inch (152 mm) floor fitting, EMT fitting adapter with (1) 2 inch (51 mm) stub, Junction box
g. Covers:
1) SF8-CVR-ALM Brushed aluminum cover.
2) SF8-CVR-BLK Black cover.
3) SF8-CVR-BRS Brushed brass cover.
h. Optional Parts Middle 3 Gang Area:
1) SF8-SPC9 Two Extron AAP sub-plate .

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SF8-SPC1 Single gang blank sub-plate.
SF8-SPC2 Two FSR IPS sub-plate.
SF8-SPC7 Single 1.6 inch (41 mm) Twist-Lock sub-plate.
SF8-SPC3 Single duplex sub-plate.
SF8-SPC8 Single 1.4 inch (36 mm) Twist-Lock sub-plate.
SF8-SPC4 Single decorator sub-plate.
SF8-SPC5 Two gang decorator sub-plate.
SF8-SPC6 Three gang blank sub-plate.

i. Optional Parts END Areas
1) SF8-SPO1 Blank outer sub-plate.
2) SF8-SPO2 Single IPS sub-plate.
3) SF8-SPO3 Dual 20A pre-wired receptacle.

j. Accessories
1) SF8-JNC1 EMT fitting adapter for 8 inch (152 mm) FRPT with (1) 1 inch (25 mm) and (1) 1.5 inch (38 mm) stub
2) SF8-JNC2 EMT fitting adapter for 8 inch (152 mm) FRPT with (2) 1 inch (25 mm) stubs
3) SF8-JNC3 EMT fitting adapter for 8 inch (152 mm) FRPT (1) 2 inch (51 mm) stub
4) SF8-PS 8 inch (152 mm) pre-pour sleeve
5) SF8-ABAND Abandonment plate for 8 inch (152 mm) core hole

M. Concrete Floor Box Kit: 6 inch (152 mm) Fire Rated concrete floor boxes and covers, sub-plates and accessories. Includes a UL listed 3 hour Fire-Resistant Floor Box system comprised of a FireStop box, and four FL-FRK 1-1/2 inch (38 mm) Intumescent-lined Conduit Assemblies and hardware.

1. FL-500P-6-FRK Fire-Resistant Transformable Floor Box Systems with FL-FRK-500P FireStop Box Assembly.

a. Features:
1) Leveling feet
2) Removable center divider for passing cables through compartments
3) Up to 8-gang capacity undivided. If divided any combination that totals 3 to 4 gangs per side is permissible
4) 11-gauge steel temporary construction cover included
5) Internal plates and brackets included

b. Specifications:
1) 3 hour fire rating.
2) 180 degree access door opening.
3) Power wiring junction box included.
4) Complies with UL514A for scrub water test.
5) 1000 lb. cover load rating with 2 x safety factor.
6) ULC and cULus rated.

c. Covers:
1) BLP - Brass
2) PLP - Gray Painted
3) PLP - Clay Painted
4) SLP - Aluminum
5) BSQ - Brass
6) SSQ - Aluminum
7) BLK - Black Flat Hinged
8) SS - Stainless Steel
9) SLD - Solid Cover Aluminum, Black
10) SLD - Solid Cover Aluminum, Clay
11) SLD - Solid Cover Aluminum, Gray

2. FL-605P-6-FRK Fire-Resistant Transformable Floor Box Systems with FL-FRK-605P FireStop Box Assembly.

        a.   Features:
             1)   Leveling feet
             2)   Removable center divider for passing cables through compartments
             3)   Up to 12-gang capacity undivided. If divided any combination that totals 4 to 5 gangs per side is permissible
             4)   11-gauge steel temporary construction cover included
             5)   Internal plates and brackets included
        b.   Specifications:
             1)   3 hour fire rating.
             2)   180 degree access door opening.
             3)   Power wiring junction box included.
             4)   Complies with UL514A for scrub water test.
             5)   1000 lb. cover load rating with 2 x safety factor.
             6)   ULC and cULus rated.
        c.   Covers:
             1)   BLP - Brass
             2)   PLP - Gray Painted
             3)   PLP - Clay Painted
             4)   SLP - Aluminum
             5)   BSQ - Brass
             6)   SSQ - Aluminum
             7)   BLK - Black Flat Hinged
             8)   SS - Stainless Steel
             9)   SLD - Solid Cover Aluminum, Black
             10)   SLD - Solid Cover Aluminum, Clay
             11)   SLD - Solid Cover Aluminum, Gray

2.3   RAISED ACCESS, COMPUTER AND STAGE FLOOR BOXES

A.   Model FL-540P: Floor box designed for raised floors. Floor box for carpet, tile and wood floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur. Box is UL and CUL rated.
   1.   Provided with two angled brackets, to handle standard size plates: 1 single, 1 double, and 1 four-gang opening
   2.   Provided with 1 inch (25mm) or 1-1/4 inch (32 mm) knockouts.
   3.   Temporary construction cover: 11 gauge (3 mm) steel.
   4.   Cover: Lift off type, 11 gauge (3 mm).
      a.   1/4 inch (6 mm) Brass carpet Flange, Lift off door.
      b.   1/4 inch (6 mm) Square Brass Flange, Lift off door.
      c.   1/4 inch (6 mm) Aluminum Carpet Flange, Lift off door.
      d.   1/4 inch (6 mm) Square Aluminum Flange, Lift off door.
      e.   No Flange with Hinged Door in Black Sandtex.
      f.   No Flange with Hinged Door in Lt. Oak Sandtex.
   5.   Box Size: 10.00 inches by 12.00 inches (254 mm by 305 mm).
   6.   Box Height:
      a.   4 inches (102 mm).
      b.   6 inches (152 mm).
      c.   10 inches (254 mm).

B.   Model FL-640P: Floor box for carpet, tile and wood floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur. Box is UL and CUL rated.
   1.   Provided with two angled bracket to handle 2 single, 1 triple, 1 six gang opening.
   2.   Provided with 1/2 inch (12 mm), 3/4 inch (19 mm), 1 inch (25 mm), or 1-1/4 inch (32 mm) knockouts.
   3.   Temporary Construction Cover: 11 gauge (3 mm) steel.

4. Cover: Lift off type, 11 gauge (3 mm) finished steel with:
    a. 1/4 inch (6 mm) Brass Carpet Flange, Lift off door, Gray or black, Brass or Aluminum carpet edging .25 inch (6 mm) high.
    b. 1/4 inch (6 mm) Square Brass Flange, Lift off door, Mitered brass carpet edging .25 inch (6 mm) high.
    c. 1/4 inch (6 mm) Aluminum Carpet Flange, Lift off door.
    d. 1/4 inch (6 mm) Square Aluminum Flange, Lift off door.
    e. No Flange with Hinged Door in Black Sandtex.
    f. No Flange with Hinged Door in Light Oak Sandtex.
5. Box Size 12.00 inches by 13.50 inches (305 mm by 343 mm).
6. Box Height:
    a. 4 inches (102 mm).
    b. 6 inches (152 mm).

C. Model FL-1200: Floor box for wood or raised floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur.
1. Provided with 3 standard size plates: 1 blank, 1 double XLR, and 1 double duplex opening.
2. Provided with 1/2 inch (12.5 mm) or 3/4 inch (19 mm) knockouts.
3. Cover: Hinged type.
    a. 1/8 inch (3 mm) steel with black Sandtex painted finish.
    b. 1/8 inch (3 mm) steel with oak Santex painted finish.
4. Box Size 4-5/8 inches by 3-3/8 inches (117 mm by 86 mm).
5. Box Height: 4-1/2 inch (114 mm).

D. Model FL-1300: Floor box for wood or raised floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur.
1. Provided with standard 2 gang plate.
2. Provided with 1/2 inch (12.5 mm) or 3/4 inch (19 mm) knockouts.
3. Cover: Hinged type.
    a. 1/8 inch (3 mm) finished steel with black Sandtex painted finish.
    b. 1/8 inch (3 mm) steel with oak Santex painted finish.
4. Box Size 5-1/8 inches by 7-1/8 inches (130 mm by 181 mm).
5. Box Height: 4-7/8 inch (124 mm).

E. Model FL-1500: Floor box for wood or raised floors. Not intended for contact with grade or locations where accumulation of scrub water is likely to occur. Requires optional insert.
1. Provided with pre-cut bracket for 1 standard duplex and a blank 5.25 inch by 8.5 inch (133 mm by 216 mm) plate.
2. Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
3. Cover: Hinged type.
    a. 1/8 inch (3 mm) finished steel with black Sandtex painted finish.
    b. 1/8 inch (3 mm) steel with oak Santex painted finish.
4. Box Size 11-7/8 inches by 8 inches (302 mm by 203 mm).
5. Box Height: 6 inch (152 mm).
6. Optional internal plates:
    a. 6 C Type Switchcraft XLR and 2 Speakon Plate for FL-1500 and FL-2000.
    b. 3 Gang Large Plate for FL-1500 and FL-2000.
    c. 4 Gang Large Plate for FL-1500 and FL-2000.
    d. 12 XLR Large Plate for FL-1500 and FL-2000.
    e. 18 XLR Large Plate for FL-1500 and FL-2000.
    f. 3 x 6 IPS Openings Large Plate for FL-1500 and FL-2000.

F. Model FL-1500-2D: Floor box for raised floors. Not intended for use where accumulation of scrub water is likely to occur. Requires optional insert.
1. Provided with pre-cut bracket for 2 single gang duplex outlet openings and a blank

       5.25 inch by 8.5 inch (133 mm by 216 mm) plate.
2.   Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
3.   Cover: Hinged type:
    a.   1/8 inch (3 mm) steel with Black Sandtex finish.
    b.   1/8 inch (3 mm) steel with Light Oak Sandtex finish.
4.   Box Size 11-7/8 inches by 8 inches (302 mm by 203 mm).
5.   Box Height: 6 inch (152 mm).

G.   Model RFL3-Q1G: Raised access floor box and support flange, 14 gauge galvanized steel. UL Listed.
1.   Depth 3.25 inches
2.   Floor Cut-Out: 9.5 inches by 11 inches
3.   Cover Size: 9.31 inches by 10.5 inches
4.   Brackets Included, 2 Dual Gang with one divider.
5.   Knockouts provided:
    a.   4 - 1/2 inch (12.5 mm) on the bottom
    b.   8 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides
    c.   4 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides
6.   Device Panels: Provided with one 2 dual single gang panel.
7.   Cover: 16/14 gauge steel under 11 gauge steel support.
8.   Carpet Rim and Cable Exit Door cover flange finish:
    a.   Gray single door.
    b.   Black single door.
    c.   Tan single door.
    d.   Gray dual door.
    e.   Black dual door.
    f.   Tan dual door.
    g.   Gray solid door.
    h.   Black solid door.
    i.   Tan solid door.

H.   Model RFL4.5-Q1G: Raised access floor box and support flange, 14 gauge galvanized steel. UL Listed.
1.   Depth 4.68 inches (119 mm).
2.   Floor Cut-Out: 9.5 inches by 11 inches (241 mm by 279 mm).
3.   Cover Size: 9.31 inches by 10.5 inches (236 mm by 267 mm).
4.   Brackets Included, 3 Dual Single Gang, 2 Power and 1 Data.
5.   Knockouts provided:
    a.   4 - 1/2 inch (12.5 mm) on the bottom.
    b.   8 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
    c.   4 - 1 inch - 1-1/4 inch on the sides.
    d.   4 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides.
6.   Device Panels: Provided with one 3 single gang panel.
7.   Cover: 16/14 gauge steel under 11 gauge steel support.
8.   Carpet Rim and Cable Exit Door cover flange finish:
    a.   Gray single door.
    b.   Black single door.
    c.   Tan single door.
    d.   Gray dual door.
    e.   Black dual door.
    f.   Tan dual door.
    g.   Gray solid door.
    h.   Black solid door.
    i.   Tan solid door.

I.   Model RFL4.5-Q2G: Raised access floor box and support flange, 14 gauge galvanized steel.

UL Listed.
1. Depth 4.68 inches (119 mm).
2. Floor Cut-Out: 9.5 inches by 11 inches (241 mm by 279 mm).
3. Cover Size: 9.31 inches by 10.5 inches (236 mm by 267 mm).
4. Brackets Included, 2 Dual Double Gang, one divider.
5. Knockouts provided:
   a. 4 - 1/2 inch (12.5 mm) on the bottom
   b. 8 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides
   c. 4 - 1 inch - 1-1/4 inch on the sides
   d. 4 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides
6. Device Panels: Provided with two double gang panels.
7. Cover: 16/14 gauge steel under 11 gauge steel support.
8. Carpet Rim and Cable Exit Door cover flange finish:
   a. Gray single door.
   b. Black single door.
   c. Tan single door.
   d. Gray dual door.
   e. Black dual door.
   f. Tan dual door.
   g. Gray solid door.
   h. Black solid door.
   i. Tan solid door.

J. Model RFL3-D1G: Raised access floor box and support flange, 14 gauge galvanized steel. UL Listed.
1. Depth 3.25 inches (83 mm).
2. Floor Cut-Out: 9.5 inches by 6.5 inches (241 mm by 165 mm).
3. Cover Size: 9.31 inches by 6.06 inches (236 mm by 154 mm).
4. Brackets Included, 2 Single Gang.
5. Knockouts provided:
   a. 2 - 1/2 inch (12.5 mm) on the bottom.
   b. 6 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
   c. 2 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides.
6. Device Panels: Provided with two single gang panel.
7. Cover: 16/14 gauge steel under 11 gauge steel support.
8. Carpet Rim and Cable Exit Door cover flange finish:
   a. Gray single door.
   b. Black single door.
   c. Tan single door.
   d. Gray dual door.
   e. Black dual door.
   f. Tan dual door.
   g. Gray solid door.
   h. Black solid door.
   i. Tan solid door.

K. Model RFL4.5-D1G: Raised access floor box and support flange, 14 gauge galvanized steel. UL Listed.
1. Depth 4.68 inches (119 m)
2. Floor Cut-Out: 9.5 inches by 6.5 inches (241 mm by 165 mm).
3. Cover Size: 9.31 inches by 6.06 inches (236 mm by 154 mm).
4. Brackets Included, 3 Single Gang, 2 Power and 1 Data.
5. Knockouts provided:
   a. 2 - 1/2 inch (12.5 mm) on the bottom.
   b. 6 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
   c. 2 - 1 inch - 1-1/4 inch on the sides.

        d.   3 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides.
6.   Device Panels: Provided with one 3 single gang panel.
7.   Cover: 16/14 gauge steel under 11 gauge steel support.
8.   Carpet Rim and Cable Exit Door cover flange finish:
        a.   Gray single door.
        b.   Black single door.
        c.   Tan single door.
        d.   Gray dual door.
        e.   Black dual door.
        f.   Tan dual door.
        g.   Gray solid door.
        h.   Black solid door.
        i.   Tan solid door.

L.   Model RFL4.5-D2G: Raised access floor box and support flange, 14 gauge galvanized steel. UL Listed.
1.   Depth 4.68 inches (119 mm).
2.   Floor Cut-Out: 9.5 inches by 6.5 inches (241 mm by 165 mm).
3.   Cover Size: 9.31 inches by 6.06 inches (236 mm by 154 mm).
4.   Brackets Included, 2 Double Gang.
5.   Knockouts provided:
        a.   2 - 1/2 inch (12.5 mm) on the bottom.
        b.   6 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
        c.   2 - 1 inch - 1-1/4 inch on the sides.
        d.   3 - 1 inch by 2 inches (25.5 mm by 51 mm) oval on the sides.
6.   Device Panels: Provided with two double gang panels.
7.   Cover: 16/14 gauge steel under 11 gauge steel support.
8.   Carpet Rim and Cable Exit Door cover flange finish:
        a.   Gray single door.
        b.   Black single door.
        c.   Tan single door.
        d.   Gray dual door.
        e.   Black dual door.
        f.   Tan dual door.
        g.   Gray solid door.
        h.   Black solid door.
        i.   Tan solid door.

M.   Model RFL-QAV: Large raised access floor box and support flange, 14 gauge galvanized steel. UL Listed. For applications that require AV and power in one box.
1.   Depth:: 4.5 inches (114 mm).
2.   Size: 12.15 inches by 10.90 inches (318 mm by 277 mm).
3.   Knockouts provided:
        a.   2 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
        b.   3 - 1 inch (25.5 mm) - 1-1/4 (32 mm) on the sides.
4.   Device Panels:
        a.   Accepts any two plate combinations equaling 4 gang.
        b.   Optional Bracket, 4 Gang with 3 dividers.
5.   Cover: 14 gauge steel under 11 gauge steel support.
        a.   Single Door for carpet insert.
        b.   Double Door for carpet insert.
        c.   Solid Door with no carpet insert.
6.   Cover and Carpet Trim Color:
        a.   Gray.
        b.   Black.
        c.   Clay.

N. Model RFL-DAV: Large raised access floor box and support flange, 14 gauge galvanized steel. UL Listed. For applications that require AV and power in one box.
    1. Depth: 4.5 inches (114 mm).
    2. Size: 7.85 inches by 10.90 inches (199 mm by 277 mm)..
    3. Brackets Included, 2 gang plate and supplied with divider plate to separate high voltage and low voltage.
    4. Knockouts provided:
        a. 1 - 1/2 inch (12.5 mm) - 3/4 inch (19 mm) on the sides.
        b. 2 - 1 inch (25.5 mm) - 1-1/2 inches (38 mm) on the sides.
    5. Cover: 14 gauge steel under 11 gauge steel support.
        a. Single Door for carpet insert.
        b. Solid Door with no carpet insert.
    6. Cover and Carpet Trim Color:
        a. Gray.
        b. Black.
        c. Clay.

2.4 TABLE BOXES

A. Model T3-PC1: Box fits a 3-1/2 inch (89 mm) round opening and includes:
    1. 1 AC Power outlet (pre-mounted). with cord and plug
    2. 1 HD15 Computer Video Female Connector.
    3. 1 Stereo mini jack (3 mm).
    4. 1 RJ-45 pass through connector (pre-mounted).
    5. 1 RJ-11 pass through connector (pre-mounted).
    6. 1 RJ-45 pass through connector.
    7. Box is UL rated.
    8. 1 Keystone Blank.
    9. Cover:
        a. Black Round.
        b. Aluminum Round.
        c. Brass Round.
        d. Black Square.
        e. Aluminum Square.
        f. Brass Square.
    10. Box is UL rated.

B. Model T3-PC1-CP: Box fits a 3-1/2 inch (89 mm) round opening and includes:
    1. AC Power outlet (pre-mounted) with cord and plug.
    2. 1 HD15 Computer Video Female Connector Cable Pull.
    3. 1 Stereo mini jack Cable Pull (3 mm).
    4. 2 RJ-45 Cable Pull.
    5. Cover:
        a. Black Round.
        b. Aluminum Round.
        c. Brass Round.
        d. Black Square.
        e. Aluminum Square.
        f. Brass Square.
    6. Box is UL Rated.

C. Model T3-PC1HW-CP: Box fits a 3-1/2 inch (89 mm) round opening and includes:
    1. 1 AC Power outlet to be hardwired by installer (pre-mounted).
    2. 1 HD15 Computer Video Female Connector Cable Pull.
    3. 1 Stereo mini jack (3 mm) Cable Pull.
    4. 2 Data Cable Pull.

5. Cover:
 a. Black Round.
 b. Aluminum Round.
 c. Brass Round.
 d. Black Square.
 e. Aluminum Square.
 f. Brass Square.
6. Box is UL Rated.

D. Model T3-PC1D: Table box 3-1/2 inch (89 mm), surface mounted connectors, 9 foot AC cord with three-prong Edison plug.
1. 1 HDMI pass through keystone connector (pre-mounted).
2. 1 HD15 Computer Video Male Connector Cable Pull.
3. 1 Stereo mini jack (3 mm) Cable Pull.
4. 1 RJ-45 pass through keystone connector (pre-mounted)
5. 1 AC Power outlet to be hardwired by installer (pre-mounted).
6. Cover:
 a. Black Round.
 b. Aluminum Round.
 c. Brass Round.
 d. Black Square.
 e. Aluminum Square.
 f. Brass Square.
7. Box is UL Rated.

E. Model T3-PC1D1B: Table box 3-1/2 inch (89 mm), Surface mounted connectors, momentary switch and bi-color 5V/12V LED, 9 foot AC cord with three-prong Edison plug.
1. 1 HDMI pass through keystone connector (pre-mounted).
2. 1 HD15 Computer Video Male Connector Cable Pull.
3. 1 Stereo mini jack (3 mm) Cable Pull.
4. 1 RJ-45 pass through keystone connector (pre-mounted) .
5. 1 AC Power outlet to be hardwired by installer (pre-mounted).
6. Cover:
 a. Black Round.
 b. Aluminum Round.
 c. Brass Round.
 d. Black Square.
 e. Aluminum Square.
 f. Brass Square.
7. Box is UL Rated.

F. Model T3-PC1D2B: Table box 3-1/2 inch (89 mm), Surface mounted connectors, momentary switch and bi-color 5V/12V LED, 9 foot AC cord with three-prong Edison plug.
1. 1 HDMI pass through keystone connector (pre-mounted).
2. 1 HD15 Computer Video Male Connector Cable Pull.
3. 1 Stereo mini jack (3 mm) Cable Pull.
4. 1 RJ-45 pass through keystone connector (pre-mounted).
5. 1 AC Power outlet to be hardwired by installer (pre-mounted).
6. Cover:
 a. Black Round.
 b. Aluminum Round.
 c. Brass Round.
 d. Black Square.
 e. Aluminum Square.
 f. Brass Square.
7. Box is UL Rated.

G.   Model T3-PC1DCP: Table box 3-1/2 inch (89 mm), Pull out style cables, , 9 foot AC cord with three-prong Edison plug.
    1.   1 HD15 Computer Video Male Connector Cable Pull.
    2.   1 Stereo mini jack (3 mm) Cable Pull.
    3.   2 RJ-45 pass through keystone connector (pre-mounted).
    4.   1 AC Power outlet to be hardwired by installer (pre-mounted).
    5.   Cover:
        a.   Black Round.
        b.   Aluminum Round.
        c.   Brass Round.
        d.   Black Square.
        e.   Aluminum Square.
        f.   Brass Square.
    6.   Box is UL Rated.

H.   Model T3-DV2S: Table box 3-1/2 inch (89 mm), surface mounted connectors, 9 foot AC cord with three-prong Edison plug.
    1.   1 HDMI pass through keystone connector (pre-mounted).
    2.   2 Data Cable Pull.
    3.   1 AC Power outlet to be hardwired by installer (pre-mounted).
    4.   Cover:
        a.   Black Round.
        b.   Aluminum Round.
        c.   Brass Round.
        d.   Black Square.
        e.   Aluminum Square.
        f.   Brass Square.
    5.   Box is UL Rated.

I.   Model T3-DV2S1B: Table box 3-1/2 inch (89 mm),), surface mounted connectors, momentary switch and bi-color 5V/12V LED, 9 foot AC cord with three-prong Edison plug.
    1.   1 HDMI pass through keystone connector (pre-mounted).
    2.   1 Button and 1 LED
    3.   2 Data Cable Pull.
    4.   1 AC Power outlet to be hardwired by installer (pre-mounted).
    5.   Cover:
        a.   Black Round.
        b.   Aluminum Round.
        c.   Brass Round.
        d.   Black Square.
        e.   Aluminum Square.
        f.   Brass Square.
    6.   Box is UL Rated.

J.   Model T3-DV2S2B: Table box 3-1/2 inch (89 mm), surface mounted connectors, momentary switch and bi-color 5V/12V LED, 9 foot AC cord with three-prong Edison plug. With openings for:
    1.   1 HDMI pass through keystone connector (pre-mounted).
    2.   2 Button and 2 LED
    3.   2 Data Cable Pull.
    4.   1 AC Power outlet to be hardwired by installer (pre-mounted).
    5.   Cover:
        a.   Black Round.
        b.   Aluminum Round.
        c.   Brass Round.
        d.   Black Square.

   e. Aluminum Square.
   f. Brass Square.
  6. Box is UL Rated.

K. Model T3-IPS: Table box 3-1/2 inch (89 mm), surface mounted connectors. With openings for:
 1. 2 Space IPS Insert.
 2. Single Cable and Dual Cable Pull Brackets.

L. Model T3-IPS1B: Table box 3-1/2 inch (89 mm), surface mounted connectors, momentary switch and bi-color 5V/12V LED. With openings for:
 1. 2 Space IPS Insert.
 2. Single Cable and Dual Cable Pull Brackets.
 3. 1 Button and 1 LED.

M. Model T3-IPS2B Table box 3-1/2 inch (89 mm)), surface mounted connectors, momentary switch and bi-color 5V/12V LED. With openings for:
 1. 2 Space IPS Insert.
 2. Single Cable and Dual Cable Pull Brackets.
 3. 2 Button and 2 LED.

N. Model T3-AC2: Box fits a 3-1/2 inch (89 mm) round opening and includes:
 1. 2 AC Power outlets (pre-mounted) with cord and plug.
 2. 2 RJ-45 pass through connector (pre-mounted).
 3. Box is UL rated.
 4. 2 Keystone Connectors.
 5. Cover:
   a. Black Round.
   b. Aluminum Round.
   c. Brass Round.
   d. Black Square.
   e. Aluminum Square.
   f. Brass Square.
  6. Box is UL Rated.

O. Model T3-AC2-CP: Box fits a 3-1/2 inch (89 mm) round opening and includes:
 1. 2 AC Power outlets (pre-mounted) with cord and plug.
 2. 2 Data cable pull.
 3. Cover:
   a. Black Round.
   b. Aluminum Round.
   c. Brass Round.
   d. Black Square.
   e. Aluminum Square.
   f. Brass Square.

P. Model T3-AC2HW-CP: Box fits a 3-1/2 inch (89 mm) round opening and includes:
 1. 2 AC Power outlets to be hardwired by installer (pre-mounted).
 2. 2 Data cable pull.
 3. Cover:
   a. Black Round.
   b. Aluminum Round.
   c. Brass Round.
   d. Black Square.
   e. Aluminum Square.
   f. Brass Square.

Q.   Model T3-AC2-CAT6: Box fits a 3-1/2 inch (89 mm) round opening and includes:
1.   2 AC Power outlets (pre-mounted) with cord and plug
2.   2 CAT6 Connectors
3.   Cover:
    a.   Black Round.
    b.   Aluminum Round.
    c.   Brass Round.
    d.   Black Square.
    e.   Aluminum Square.
    f.   Brass Square.

R.   Model T3-CAT5: Fabricated of 16-gauge galvanized steel with built-in cable strain relief attachment point. Box fits a 2 inch (51 mm) round opening and includes a single RJ45 feed-through connector.
1.   Cover:
    a.   Black Round.
    b.   Aluminum Round.
    c.   Brass Round.
    d.   Black Square.
    e.   Aluminum Square.
    f.   Brass Square.

S.   Model T3-CRST: Fabricated of 16-gauge galvanized steel with built-in cable strain relief attachment point. Box fits a 2 inch (51 mm) round opening. Designed to receive a Crestron TPS Block-10TM RJ45 Panel Mount Interface.
1.   Cover:
    a.   Black Round.
    b.   Aluminum Round.
    c.   Brass Round.
    d.   Black Square.
    e.   Aluminum Square.
    f.   Brass Square.

T.   Model T3-MINI: Fabricated of 16-gauge galvanized steel with built-in cable strain relief attachment point. Box fits a 2 inch (51 mm) round opening and includes a Switchcraft TINI Q-G TB3MTM MINI XLR connector.
1.   Cover:
    a.   Black Round.
    b.   Aluminum Round.
    c.   Brass Round.
    d.   Black Square.
    e.   Aluminum Square.
    f.   Brass Square.

U.   Model T3-Mini-1B: Fabricated of 16- gauge galvanized steel with built-in cable strain relief attachment point. Box fits a 2 inch (51 mm) round opening and includes a switchcraft TINI Q-G TB3MTM MINI XLR connector.
1.   1 Button.
2.   1 LED.
3.   Cover:
    a.   Black Round.
    b.   Aluminum Round.
    c.   Brass Round.
    d.   Black Square.
    e.   Aluminum Square.
    f.   Brass Square.

V. Model T3-MJ-1B: Designed to receive a Gooseneck Microphone. The built in, acoustically isolated microphone connector accommodates microphones with XLR plugs of a diameter of 1 inch (25 mm) or less.
1. 1 Button.
2. 1 LED.
3. Cover:
    a. Black Round.
    b. Aluminum Round.
    c. Brass Round.
    d. Black Square.
    e. Aluminum Square.
    f. Brass Square.

W. Model T3-MJ-2B: Designed to receive a Gooseneck Microphone. The built in, acoustically isolated microphone connector accommodates microphones with XLR plugs of a diameter of 1 inch (25 mm) or less.
1. 2 Buttons.
2. 2 LED's.
3. Cover:
    a. Black Round.
    b. Aluminum Round.
    c. Brass Round.
    d. Black Square.
    e. Aluminum Square.
    f. Brass Square.

X. Model T3-MJ5PIN: Designed to receive a Gooseneck Microphone. The built in, acoustically isolated microphone connector accommodates microphones with XLR plugs of a diameter of 1 inch (25 mm) or less.
1. 5 Pin XLR.
2. Cover:
    a. Black Round.
    b. Aluminum Round.
    c. Brass Round.
    d. Black Square.
    e. Aluminum Square.
    f. Brass Square.

Y. Model T3-BDC: Designed to receive a Beyerdynamic #SHM22PFTM Gooseneck Microphone. Fabricated of 16-gauge galvanized steel with built-in cable strain relief attachment point. Box fits a 2 inch (51 mm) round opening.
1. Cover:
    a. Black Round.
    b. Aluminum Round.
    c. Brass Round.
    d. Black Square.
    e. Aluminum Square.
    f. Brass Square.

Z. Model T3-CLCK-SM20: Designed for the CLOCKAUDIOTM SM20 Microphone Shock Mount adaptor. Fabricated of aluminum or brass. Box fits a 2 inch (51 mm) round opening.
1. Cover:
    a. Black.
    b. Aluminum.
    c. Brass.

AA. Model T3-CLSM20-1B: Designed for the CLOCKAUDIO SM20 Microphone Shock Mount

adapter. Fabricated of aluminum or brass. Box fits a 2 inch (51 mm) round opening.
   1. 1 Button.
   2. 1 LED.
   3. Cover:
      a. Black.
      b. Aluminum.
      c. Brass.

BB. Model T3U-1R: Table top tilt-up table box. Provided with 2 AC outlets and optional mounting plates to accommodate snap in connectors. Box fits a 5-3/8 inch by 8 inch (137 mm by 203 mm) opening. Box is UL rated.
   1. Cover:
      a. Black.
      b. Brass.
      c. Bronze.
      d. Nickel.

CC. Model T3U-2R: Table top tilt-up table box. Provided with 2 AC outlets and optional mounting plates to accommodate snap in connectors. Box fits a 5-3/8 inch by 8 inch (137 mm by 203 mm) opening. Box is UL rated.
   1. Cover:
      a. Black.
      b. Brass.
      c. Bronze.
      d. Nickel.

DD. Model T3U-3R: Table top tilt-up table box. Provided with 4 AC outlets and optional mounting plates to accommodate snap in connectors. Box fits a 5-3/8 inch by 8 inch (137 mm by 203 mm) opening. Box is UL rated.
   1. Cover:
      a. Black.
      b. Brass.
      c. Bronze.
      d. Nickel.

EE. Model TB-4G: Accommodates 4 gang set-ups. Hinged cover includes smaller cable access door. Opening length 10.50 inches (267 mm), width 7.875 inches (200 mm).
   1. Cover: Aluminum or brass 1/8 inch (3 mm) thick.
      a. Black aluminum.
      b. Brass.
      c. Custom wood by others.

FF. Model TB-5G: Accommodates 5 gang set-ups. Hinged cover includes smaller cable access door. Opening length 12.312 inches (313 mm), width 7.875 inches (200 mm).
   1. Cover: Aluminum or brass 1/8 inch (3 mm) thick.
      a. Black aluminum.
      b. Brass.
      c. Custom wood by others.

GG. Model TB-6G: Accommodates 4 gang set-ups. Opening 3.5 inches (89 mm) round,.
   1. Cover: Aluminum or brass 1/8 inch (3 mm) thick.
      a. Black aluminum.
      b. Brass.
      c. Custom wood by others.

HH. Model TC-CHRG: Accommodates single AC outlet and two USB charging port set-ups. Fits a 3.5 inch (89mm) round opening

       1.   Cover:
          a.   Painted Silver .
          b.   Painted Black

II.   Tilt-N-Select Table Boxes: In the open position, the connectors will be at approximately a 35 degree angle from vertical.Boxes are UL rated.
1. Model TB-IPS: Accommodates up to 8 eight single IPS insert plates or a variety of multiple plate arrangements. Opening length 7.18 inches (182 mm) by width 7.25 inches (184 mm).
2. Model TB-AVAC: Box has one integrated UL-Rated AC receptacle and ships with two different connector plates. First plate is pre-punched to accept two panel-mount HDMI or DisplayPort connectors as well as two keystone connectors. Second plate is pre-punched to accept one panel-mount HDMI or DisplayPort connector, one IPS insert HD-15 connector and two keystone connectors. Opening length 5.18 inches (131.6 mm) by width 6.06 inches (154 mm).
3. Model TB-CHRG: TB-CHRG has a built in AC Duplex Receptacle with 2 integrated USB Chargers. UL-Listed 15 Amp, 125 Volt AC duplex receptacle has a 3.8 Amp charging section with two USB type 2.0 charging ports (5 Volt DC each). Opening length 5.18 inches (131.6mm) by width 6.06 inches (154 mm).
4. Model TB-BOSE table boxes are tilt top style table boxes designed specifically to contain a Bose FreeSpace 3 Surface-Mount Satellite Cube Speaker. Opening length 7.18 inches (182 mm) by width 6.06 inches (154 mm).
5. Model TB-BOSE-IPS table boxes are tilt top style table boxes designed specifically to contain a Bose FreeSpace 3 Surface-Mount Satellite Cube and a section to the right of the speaker for up to four (4) IPS (Intelligent Plate Solutions) insert plates. Opening length 7.18 inches (182 mm) by width 8.44 inches (214 mm).
6. Cover: Aluminum.
          a.   Black anodized aluminum.

JJ.   Pop-Up Boxes: Provided with pneumatic gas spring system for smooth lowering and raising of the box. Open height is 5 inches (127 mm). Boxes are UL rated.
1. Model PTB-2: Pop-Up Table Box with 2- Gang opening and AC on each side. Table Cut Out: 9.5 inches (241 mm) by 10.25 inches (260 mm).
2. Model PTB-3: Pop-Up Table Box with 3- Gang opening and AC on each side. Covers available in Black or Brass. Table Cut Out: 9.5 inches (241 mm) by 12.00 inches (305 mm).
3. Model PTB-4: Pop-Up Table Box with 4- Gang opening and AC on each side. Table Cut Out: 9.5 inches (241 mm) by 13.75 inches (324 mm).
4. Covers:
          a.   Black.
          b.   Brass.
5. PTB-PS: Built-in 16 volt /1 amp power supply for power interfaces.

2.5 WALL BOXES

A.   Model WB-3G: 3 gang wall box, steel construction with a built in lock and push to open latch.
1. Provided with mounting hardware and blank plates.
2. Opening size 7.5 inches (191 mm) by 7.5 inches (191 mm).
3. Box is 3.75 inches (95 mm) deep.
4. Finish:
          a.   White.
          b.   Custom Color as selected by the Architect.

B.   Model WB-4G: 4 gang wall box, steel construction with a built in lock and push to open latch.
1. Provided with mounting hardware and blank plates.
2. Opening size 9-1/4 inches (235 mm) by 9-1/4 inches (235 mm).
3. Box is 3.37 inches (86 mm) deep.

4. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

C. Model WB-610: Wall box, steel construction with a built in lock and push to open latch. Mounting plate not supplied. Drawing provided for a custom 6x10 plate fabrication.
    1. Provided with mounting hardware and blank plates.
    2. Opening size 7.5 inches (191 mm) by 7.5 inches (191 mm).
    3. Box is 3.75 (95 mm) inches deep.
    4. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

D. Model WB-R2G: 2 gang recessed access cover, steel construction comes without a door. Mounts to a standard Gem box.
    1. Opening size 6 inches by 6 inches (152 mm by 152 mm).
    2. Box is .5 inches (12.5 mm) deep.
    3. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

E. Model WB-R3G: 3 gang recessed access cover, steel construction comes without a door. Mounts to a standard Gem box.
    1. Opening size 6 inches by 8 inches (152 mm by 203 mm).
    2. Box is .5 inches (12.5 mm) deep.
    3. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

F. Model WB-R4G: 4 gang recessed access cover, steel construction comes without a door. Mounts to a standard Gem box.
    1. Opening size 6 inches by 10 inches (152 mm by 254 mm).
    2. Box is .5 inches (12.5 mm) deep.
    3. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

G. Model WB-PR2G: 2 gang recessed access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
    1. Opening size 6 inches by 6 inches (152 mm by 152 mm).
    2. Box is .5 inches (12.5 mm) deep.
    3. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

H. Model WB-PR2G: 3 gang recessed access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
    1. Opening size 6 inches by 8 inches (152 mm by 203 mm).
    2. Box is .5 inches (12.5 mm) deep.
    3. Finish:
        a. White.
        b. Custom Color as selected by the Architect.

I. Model WB-PR2G: 4 gang recessed access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
    1. Opening size 6 inches by 10 inches (152 mm by 254 mm).
    2. Box is .5 inches (12.5 mm) deep.

3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

J. Model WB-MR2G: 2 gang recessed access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1. Opening size 6 inches by 6 inches (152 mm by 152 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

K. Model WB-MR3G: 3 gang recessed access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1. Opening size 6 inches by 8 inches (152 mm by 203 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

L. Model WB-MR4G: 4 gang recessed access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1. Opening size 6 inches by 10 inches (152 mm by 254 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

M. Model WB-PS2G: 2 gang surface mount access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
1. Opening size 6 inches by 6 inches (152 mm by 152 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

N. Model WB-PS3G: 3 gang surface mount access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
1. Opening size 6 inches by 8 inches (152 mm by 203 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

O. Model WB-PS4G: 4 gang surface mount access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
1. Opening size 6 inches by 10 inches (152 mm by 254 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:
    a. White.
    b. Custom Color as selected by the Architect.

P. Model WB-PS5G: 5 gang surface mount access cover, steel construction with a built in lock, comes with a door and window. Mounts to a standard Gem box.
1. Opening size 6 inches by 6 inches (152 mm by 152 mm).
2. Box is .5 inches (12.5 mm) deep.
3. Finish:

         a.   White.
         b.   Custom Color as selected by the Architect.

Q.   Model WB-MS1G: 1 gang surface mount access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1.   Opening size 6 inches by 6 inches (152 mm by 152 mm).
2.   Box is .5 inches (12.5 mm) deep.
3.   Finish:
    a.   White.
    b.   Custom Color as selected by the Architect.

R.   Model WB-MS2G: 2 gang surface mount access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1.   Opening size 6 inches by 6 inches (152 mm by 152 mm).
2.   Box is .5 inches (12.5 mm) deep.
3.   Finish:
    a.   White.
    b.   Custom Color as selected by the Architect.

S.   Model WB-MS3G: 3 gang surface mount access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1.   Opening size 6 inches by 8 inches (152 mm by 203 mm).
2.   Box is .5 inches (12.5 mm) deep.
3.   Finish:
    a.   White.
    b.   Custom Color as selected by the Architect.

T.   Model WB-MS4G: 4 gang surface mount access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1.   Opening size 6 inches by 10 inches (152 mm by 254 mm).
2.   Box is .5 inches (12.5 mm) deep.
3.   Finish:
    a.   White.
    b.   Custom Color as selected by the Architect.

U.   Model WB-MS5G: 5 gang surface mount access cover, steel construction with a built in lock, comes with a windowless door. Mounts to a standard Gem box.
1.   Opening size 6 inches by 10 inches (152 mm by 254 mm).
2.   Box is .5 inches (12.5 mm) deep.
3.   Finish:
    a.   White.
    b.   Custom Color as selected by the Architect.

V.   Model TS-400: 9 single gang surface mount wall enclosure, steel with ABS cover that mounts flush with ceiling. Comes with a built in lock.
1.   Size 30.22 inches long inches by 19.74 inches wide by 9.70 inches deep (767 mm by 501 mm by 248).
2.   Capacity: 50 lbs equipment capacity.
3.   Knockouts:
    a.   External: Four 2-gang/oval, six 1-gang/oval, four oval.
    b.   Internal: One 6 IPS, three 1-gang.
4.   Fan Kit providing 110 watts for equipment cooling.

W.   Model MWB-15 Monitor Wall Box: In wall design. Accommodates 15 inch (381 mm) flat screen monitor.
1.   Wall Construction Stud-to-Stud C/L Distance: 16 inches (406 mm) plus or minus 1/4 inch (6 mm).

2. Wall Hole Opening: 14-1/2 inches (368 mm) Square, on C/L of Stud-to-Stud Distance.
3. Mounting Screws: 4 - #8x1 or #10x1 wood or (in steel studs) self-tapping.
4. Monitor Maximum Size: 13.95 inches (354 mm) W by 12.45 inches (316 mm) H by 3.25 inches (82 mm) D.
5. Max. Distance, Monitor Screen Bottom Edge to Monitor Bottom Limit: 1.75 inches (44 m).
6. Finish (bezel):
   a. Clear Anodized Front Bezel.
   b. Black Anodized Front Bezel.

X. Model PWB-100: Plasma/LCD/Projector interconnect wall box, 14 gauge steel construction. Designed to mount along the bottom edge behind a Plasma or LCD display, and provides a single point for connections. Unit accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power.
   1. Box is 11 inches (279 mm) wide by 5.25 high (133 mm) by 3.57 inches (91 mm) deep.
   2. Finish:
      a. White.
      b. Black.
   3. Accessories:
      a. PWB-100-CBB Conduit Back Box.

Y. Model PWB-200: Plasma/Plazma/Flat Panel Display wall box, 14 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts, and one IPS knockout to accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power.
   1. Box is 7 inches (178 mm) wide by 7 high (178 mm) by 3 inches (76 mm) deep.
   2. Finish:
      a. White.
      b. Black.
   3. Accessories:
      a. PWB-200-MNT is a set of adjustable bracket ears that allow the installer to mount the box at different locations between the studs.
      b. PWB-200-SLD abandonment covers, available in black or white. Used in place of finish covers to protect the units during construction or when they are used as closed utility boxes not requiring external cable access.

Z. Model PWB-203: Plasma/Plazma/Flat Panel Display wall box, 14 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts, and one IPS knockout to accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power. Provided with a steel duplex cover plate to ensure proper fit in the shallow back box.
   1. Box is 7 inches (178 mm) wide by 7 high (178 mm) by 3 inches (76 mm) deep.
   2. Finish:
      a. White.
      b. Black.
   3. Accessories:
      a. PWB-203-MNT is a set of adjustable bracket ears that allow the installer to mount the box at different locations between the studs.
      b. PWB-203-SLD abandonment covers, available in black or white. Used in place of finish covers to protect the units during construction or when they are used as closed utility boxes not requiring external cable access.

AA. Model PWB-250: Plasma/Plazma/Flat Panel Display wall box, 14 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts, and one IPS knockout to accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power. Provided with a

removable pass-through enclosure with an additional single gang knockout to be used to isolate cables that the installer may need to pass through the backbox.

    1.   Box is 14.25 inches (362 mm) wide by 7 inches high (178 mm) by 4 inches (102 mm) deep.

    2.   Finish:

        a.   White.

        b.   Black.

    3.   Accessories:

        a.   PWB-250-AVBB is an optional AV back box to enclose the exterior of the IPS knockout area.

        b.   PWB-250-SLD abandonment covers, available in black or white. Used in place of finish covers to protect the units during construction or when they are used as closed utility boxes not requiring external cable access.

BB.   Model PWB-253: Plasma/Plazma/Flat Panel Display wall box, 16 gauge steel construction. Designed to fit 2 inch by 3 inch (51 mm by 76 mm) studs and provides two single gang knockouts, and one IPS knockout to accommodates up to six single space Intelligent Plate Solution plates and a UL listed single gang gem box for AC power. Provided with a removeable pass-through enclosure with an additional single gang knockout to be used to isolate cables that the installer may need to pass through the backbox.

    1.   Box, including cover is 14.75 inches (375 mm) wide by 7.5 inches high (190.5 mm) by 2.88 inches (73 mm) deep.

    2.   Finish:

        a.   White.

        b.   Black.

    3.   Accessories:

        a.   PWB-250-SLD abandonment covers, available in black or white. Used in place of finish covers to protect the units during construction or when they are used as closed utility boxes not requiring external cable access.

CC.   Model PWB-270: Plasma/Plazma/Flat Panel Display wall box for Crestron DM-RMC-Series Devices, 16 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts and a UL listed single gang gem box for AC power.

    1.   Box, including cover is 15.5 inches (394 mm) wide by 11.25 inches high (286 mm) by 4.00 inches (102 mm) deep.

    2.   Finish:

        a.   White.

        b.   Black.

DD.   Model PWB-273 Plasma/Plazma/Flat Panel Display wall box for Crestron DM-RMC Series Devices, 16 gauge steel construction. Designed to fit 2 inch by 3 inch (51 mm by 76 mm) studs and provides two single gang knockouts and a UL listed single gang gem box for AC power..

    1.   Box, including cover is 14.75 inches (375 mm) wide by 10.46 inches high (266 mm) by 2.88 inches (73 mm) deep.

    2.   Finish:

        a.   White.

        b.   Black.

EE.   Model PWB280: Plasma/Plazma/Flat Panel Display wall box for SVSI N1000, N2000, N3000 PoE powered Encoders, 16 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts and a UL listed single gang gem box for AC power..

    1.   Box, including cover is 15.5 inches (394 mm) wide by 11.25 inches high (286 mm) by 4.00 inches (102 mm) deep.

2. Finish:
    a. White.
    b. Black.

FF. Model PWB-290: Plasma/Plazma/Flat Panel Display wall box for AMX AVB-RX-DXLINK-HDMI Receiver/AVB-TX-MULTI-DXLINK Multi-Format Transmitter /DXLF-HDMIRX Fiber Receiver /DXLF-MFTX Fiber Transmitter and Power Supplies, 16 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides two single gang knockouts, and a UL listed single gang gem box for AC power.
1. Box, including cover is 14.25 inches (362 mm) wide by 10.00 inches high (254 mm) by 4.00 inches (102 mm) deep.
2. Finish:
    a. White.
    b. Black.

GG. Model PWB 353: Plasma/Plazma/Flat Panel Display wall box, 16 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) or 2 inch by 3 inch (51 mm by 76 mm) studs. Provided with knockouts for power and openings for up to 6 single IPS connector plates and a UL listed single gang gem box for AC power.
1. Box, including cover is 15.21 inches (386 mm) wide by 8.06 inches high (205 mm) by 3.00 inches (76 mm) deep.
2. Finish:
    a. White.
    b. Black.

HH. Model PWB-450: Large Project wall box, 14 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides 4 pre-wired AC outlets along one vertical side of the box that are isolated from the 4 accessory plate mounting brackets to allow AC and low-voltage connections within the same box. Box has a 1/2 - 3/4 inch concentric KO on top and bottom of the box for AC conduit connections. 1 inch KO's in the divider plates allow the use of one or more accessory plates for AC connections.
1. Three accessory plate brackets are punched for a single gang Decora opening. The fourth bracket is punched for FSR's IPS Connector Plates. Behind each bracket is a 3/4 inch and a 1- 1/2 inch concentric.
2. Box is 14.20 inches (361 mm) wide by 17 inches high (432 mm) by 3.74 inches (100 mm) deep.
3. Cover Finish:
    a. White.
    b. Black.
4. Accessories:
    a. PWB-450-DM4k is an optional Bracket that accommodates Crestron DM-RMC-4K-SCALER-C.
    b. PWB-450-MMS is an optional Bracket that accommodates other digital media interfaces/devices.

II. Model PWB-FR-450: Large 1 hour Fire Rated Project wall box, 14 gauge steel construction. Designed to fit 2 inch by 4 inch (51 mm by 102 mm) studs and provides 4 pre-wired AC outlets along one vertical side of the box that are isolated from the 4 accessory plate mounting brackets to allow AC and low-voltage connections within the same box. Box has a 1/2 - 3/4 inch concentric KO on top and bottom of the box for AC conduit connections. 1 inch KO's in the divider plates allow the use of one or more accessory plates for AC connections.
1. Three accessory plate brackets are punched for a single gang Decora opening. The fourth bracket is punched for FSR's IPS Connector Plates. Behind each bracket is a 3/4 inch and a 1- 1/2 inch concentric.
2. Box is 14.20 inches (361 mm) wide by 17 inches high (432 mm) by 3.74 inches (100 mm) deep.

3. Cover Finish:
   a. White.
   b. Black.
4. Accessories:
   a. PWB-450-DM4k is an optional Bracket that accommodates Crestron DM-RMC-4K-SCALER-C.
   b. PWB-450-MMS is an optional Bracket that accommodates other digital media interfaces/devices.

JJ. Model FL-500PJL: An ingenious use of the FL-500P series floor box. For wall applications where a small box just won't do. A special wall mounting kit and cover are provided with the 500P-JL.
   1. Provided with two angled brackets, to handle standard size plates: 1 single, 1 double and 1 four-gang opening.
   2. Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
   3. Cover: Steel construction with hinged door and a built in lock.
   4. Box Size 12.00 inches by 10.00 inches (305 mm by 254 mm).
   5. Box Depth:
      a. 2.25 inches (57 mm).
      b. 3 inches (76 mm).
      c. 4 inches (102 mm).
      d. 6 inches (152 mm).
      e. 8 inches (203 mm).
      f. 10 inches (254 mm).

KK. Model FL-600P-JL: An ingenious use of the FL-600P series floor box. For wall applications where a small box just won't do. A special wall mounting kit and cover are provided with the 600P-JL.
   1. Provided with one angled bracket to handle 2 single, 1 triple, 1 six gang opening.
   2. Provided with 1 inch (25 mm) or 1-1/4 inch (32 mm) knockouts.
   3. Cover: Steel construction with hinged door and a built in lock.
   4. Box Size 12.00 inches by 13.50 inches (305 mm by 343 mm).
   5. Box Depth:
      a. 4 inches (102 mm).
      b. 6 inches (152 mm).

LL. Model WB-X1 Medium Capacity Wall Box. Cover and backbox ordered separately
   1. Backbox options:
      a. WB-X1-IPS 2 Rows of 8 IPS single spaces (total 16 IPS single spaces)
      b. WB-X1NK-IPS 2 Rows of 8 IPS single spaces (total 16 IPS single spaces) - No KO's.
      c. WB-X1-XLR 3 Rows of 5 Neutrik D-1 Holes (total 15 XLR's).
      d. WB-X1NK-XLR 3 Rows of 5 Neutrik D-1 Holes (total 15 XLR's) - No Knock-Outs.
      e. WB-X1-GNG 1G/2G, or 4G, one side of interior area.
      f. WB-X1NK-GNG 1g/2G, or 4G, one side of interior area - No Knock-Outs.
      g. WB-X1-PLT X1 Back Box with Internal Blank Plate.
      h. WB-X1NK-PLT X1 Back Box with Internal Blank Plate - No Knock-Outs.
   2. Cover options
      a. WB-X1-CVR-WHT WB-X1 Cover w/ Lock and Cable Exit Door - White.
      b. WB-X1-SMCVR-WHT WB-X1 Surface Mount Cover w/ Lock and Cable Exit Door - White.
      c. WB-X1-CVR-BLK WB-X1 Cover w/ Lock and Cable Exit Door - Black.
      d. WB-X1-SMCVR-BLK WB-X1 Surface Mount Cover w/ Lock and Cable Exit Door - Black.

MM. Model WB-X2 Large Capacity Wall Box:
    1. Backbox options:
        a. WB-X2-IPS 2 Rows of 12 IPS single spaces, total 24 IPS single spaces.
        b. WB-X2NK-IPS 2 Rows of 12 IPS single spaces, total 24 IPS single spaces. No KO's.
        c. WB-X2-XLR 3 Rows of 8 Neutrik D-1 Holes (total 24 XLR's).
        d. WB-X2NK-XLR 3 Rows of 8 Neutrik D-1 Holes (total 24 XLR's) No Knock-Outs.
        e. WB-X2-GNG 1G/2G on one side, 4G on other side, of interior area.
        f. WB-X2NK-GNG 1G/2G on one side, 4G on other side, of interior area No Knock-Outs.
        g. WB-X2-PLT X2 Back Box with Internal Blank Plate.
        h. WB-X2NK-PLT X2 Back Box with Internal Blank Plate.
    2. Cover options:
        a. WB-X2-CVR-WHT WB-X2 Cover w/ Lock and Cable Exit Door - White.
        b. WB-X2-SMCVR-WHT WB-X2 Surface Mount Cover w/ Lock and Cable Exit Door - White.
        c. WB-X2-CVR-BLK WB-X2 Cover w/ Lock and Cable Exit Door - Black.
        d. WB-X2-SMCVR-BLK WB-X2 Surface Mount Cover w/ Lock and Cable Exit Door - Black.

NN. Model WB-X3 Extra Large Capacity Wall Box:
    1. Backbox options:
        a. WB-X3-IPS 3 Rows of 12 IPS single spaces (total 36 IPS single spaces).
        b. WB-X3NK-IPS 3 Rows of 12 IPS single spaces (total 36 IPS single spaces) No KO's.
        c. WB-X3-XLR 4 Rows of 8 Neutrik D-1 Holes (total 32 XLR's).
        d. WB-X3NK-XLR 4 Rows of 8 Neutrik D-1 Holes (total 32 XLR's) No Knock-Outs.
        e. WB-X3-GNG (2)-3G on one side, 2G/4G on other side, of interior area.
        f. WB-X3NK-GNG (2)-3G on one side, 2G/4G on other side, of interior area No KO's.
        g. WB-X3-PLT X3 Back Box with Internal Blank Plate.
        h. WB-X3NK-PLT X3 Back Box with Internal Blank Plate - No Knock-Outs.
    2. Cover options:
        a. WB-X3-CVR-WHT WB-X3 Cover w/ Lock and Cable Exit Door - White.
        b. WB-X3-CVRND-WHT WB-X3 Cover w/ Lock and No Cable Door - White.
        c. WB-X3-SMCVR-WHT WB-X3 Surface Mount Cover w/ Lock and Cable Exit Door - White.
        d. WB-X3-CVR-BLK WB-X3 Cover w/ Lock and Cable Exit Door - Black.
        e. WB-X3-SMCVR-BLK WB-X3 Surface Mount Cover w/ Lock and Cable Exit Door - Black.

OO. Model OWB-CP1 Outdoor Control / Interface Box & locking Cover with 2 and 3 Gang Mounting Plate.
    1. Mounting kits:
        a. OWB-CP1-FMB-WHT Flush Mount Bracket for OWB-CP1 - White.
        b. OWB-CP1-PMB - WHT Pole Mount Kit for OWB-CP1 - White.
    2. Internal plate options:
        a. OWB-CP1-TPS4L Internal Plate for OWB-CP1 to mount a Crestron TPS4L Touch Panel.
        b. OWB-CP1-TPS2000 Internal Plate for OWB-CP1 to mount a Crestron TPS2000 Touch Panel.
        c. OWB-CP1-NXD5 Internal Plate for OWB-CP1 to mount an AMX NXD 5 inch (127 mm) Touch Panel.
        d. OWB-CP1-BPLT Internal Plate for OWB-CP1 - Blank for Customer Modification.

PP. Model OWB-CP1-W Outdoor Control / Interface Box & locking Windowed Cover with 2 and 3 Gang Mounting Plate,
    1. Mounting kits:
        a. OWB-CP1-FMB-WHT Flush Mount Bracket for OWB-CP1 - White,
        b. OWB-CP1-PMB - WHT Pole Mount Kit for OWB-CP1 - White,
    2. Internal plate options
        a. OWB-CP1-TPS4L Internal Plate for OWB-CP1 to mount a Crestron TPS4L Touch Panel,
        b. OWB-CP1-TPS2000 Internal Plate for OWB-CP1 to mount a Crestron TPS2000 Touch Panel,
        c. OWB-CP1-NXD5 Internal Plate for OWB-CP1 to mount an AMX NXD 5 inch (127 mm) Touch Panel,
        d. OWB-CP1-BPLT Internal Plate for OWB-CP1 - Blank for Customer Modification,

QQ. Model OWB-X3-SM-GNG locking Outdoor Wall Box - Surface Mount - 2 x 3 Gang plus 2 2/4 Gang Openings.

RR. Model OWB-X3-FM-GNG locking Outdoor Wall Box - Flush Mount - 2 x 3 Gang and 2 2/4 Gang Openings.

SS. Model OWB-X3-SM-IPS locking Outdoor Wall Box - Surface Mount - 3 Rows of 12 Single IPS Openings.

TT. Model OWB-X3-FM-IPS locking Outdoor Wall Box - Flush Mount - 3 Rows of 12 Single IPS Openings.

UU. Model OWB-X3-SM-XLR locking Outdoor Wall Box - Surface Mount - 4 Rows of 8 Neutrik D-1 Holes.

VV. Model OWB-X3-FM-XLR locking Outdoor Wall Box - Flush Mount - 4 Rows of 8 Neutrik D-1 Holes.

WW. Model OWB-X3-SM-PLT locking Outdoor Wall Box - Surface Mount - Internal Blank Plate.

XX. Model OWB-X3-FM-PLT locking Outdoor Wall Box - Flush Mount - Internal Blank Plate.

YY. Model SMWB-1G: 1 Gang Surface Mount Gang Box. Two 1/2-3/4 inch concentric knockouts for conduit.
    1. Color:
        a. White.
        b. Black.

ZZ. Model SMWB-2G: 2 Gang Surface Mount Gang Box. Two 1/2-3/4 inch concentric knockouts for conduit.
    1. Color:
        a. White.
        b. Black.

AAA. Model SMWB-3G: 3 Gang Surface Mount Gang Box. Two 1/2-3/4 inch concentric knockouts for conduit.
    1. Color:
        a. White.
        b. Black.

BBB. Model SMWB-4G: 4 Gang Surface Mount Gang Box. Two 1/2-3/4 inch concentric knockouts for conduit.

1. Color:
   a. White.
   b. Black.

2.6 SPECIALTY EQUIPMENT BOXES

A. CB Series Ceiling Boxes:
   1. Model CB-12 Classroom Ceiling Enclosure: Designed for classrooms with projectors.
      a. Drops into any standard drop ceiling installation and provides electrical connections, AV equipment installation and AV and Data signal routing above the ceiling.
      b. Enclosure has a projector receptacle facing the room, 3 additional un-switched receptacles inside the enclosure and brackets to mount two 1/2 rack pieces of equipment.
      c. Cover is a white trim ring, similar to an acoustic tile ceiling grid.
      d. Provide with fan kit.
      e. Size: 23.69 inches (602 mm) long by 11.69 inches (297 mm) wide by 6.00 inches (152 mm) deep.
   2. Model CB-12P Classroom Ceiling Enclosure for projector pole mount.
      a. Drops into any standard drop ceiling installation and provides electrical connections, AV equipment installation and AV and Data signal routing above the ceiling.
      b. Enclosure has a projector receptacle facing the room, 3 additional un-switched receptacles inside the enclosure and brackets to mount two 1/2 rack pieces of equipment.
      c. Cover is a white trim ring, similar to an acoustic tile ceiling grid.
      d. Enclosure has one 1-1/2 inch NPT fitting to accept projector pole mounting.
      e. Provide with fan kit.
      f. Size: 23.69 inches (602 mm) long by 11.69 inches (297 mm) wide by 6.00 inches (152 mm) deep.
   3. Model CB-22 Ceiling Enclosure: Designed for classrooms, conference and meeting rooms with a projector and other AV equipment.
      a. Drops into any standard drop ceiling installation and provides power switching and distribution as well as shelves to mount 2 full rack or 4 half-rack pieces of equipment above the ceiling.
      b. Enclosure provides one projector outlet facing the room and 5 switched ergonomically spaced AC outlets inside the box.
      c. Provided with fan kit.
      d. Size: 23.69 inches (602 mm) by 23.69 inches (602 mm) by 6.00 inches (152 mm) deep.
      e. Cover is a white trim ring, similar to an acoustic tile ceiling grid.
   4. Model CB-22P Ceiling Enclosure for projector pole mount.
      a. Drops into any standard drop ceiling installation and provides power switching and distribution as well as shelves to mount 2 full rack or 4 half-rack pieces of equipment above the ceiling.
      b. Enclosure provides one projector outlet facing the room and 5 switched ergonomically spaced AC outlets inside the box.
      c. Provided with fan kit.
      d. Size: 23.69 inches (602 mm) by 23.69 inches (602 mm) by 6.00 inches (152 mm) deep.
      e. Cover is a white trim ring, similar to an acoustic tile ceiling grid.
      f. Enclosure has one 1-1/2 inch NPT fitting to accept projector pole mounting.
   5. Model CB-22S Smart Ceiling Enclosure: Designed for classrooms, conference and meeting rooms, hospitals, hotels with a projector and other AV equipment requiring a higher degree of control and power savings.
      a. Drops into any standard drop ceiling installation and provides power switching

and distribution as well as shelves to mount 2 full rack or 4 half-rack pieces of equipment above the ceiling.

    b.   Enclosure provides one projector outlet facing the room and 2 un-switched and 3 switched ergonomically spaced AC outlets inside the box.

    c.   Provided with a built-in fan for equipment cooling. Unit is a "Smart Green Enclosure" with Smart Sense technology that detects the power state of the projector and uses the projector's power state to turn the switched outlets on or off.

    d.   Cover is a white trim ring, similar to an acoustic tile ceiling grid.

    e.   Size: 23.69 inches (602 mm) by 23.69 inches (602 mm) by 6.00 inches (152 mm) deep.

6.   Model CB-22SP Smart Ceiling Enclosure pole mount version: Designed for classrooms, conference and meeting rooms, hospitals, hotels with a projector and other AV equipment requiring a higher degree of control and power savings.

    a.   Drops into any standard drop ceiling installation and provides power switching and distribution as well as shelves to mount 2 full rack or 4 half-rack pieces of equipment above the ceiling.

    b.   Enclosure provides one projector outlet facing the room and 2 un-switched and 3 switched ergonomically spaced AC outlets inside the box.

    c.   Provided with a built-in fan for equipment cooling. Unit is a "Smart Green Enclosure" with Smart Sense technology that detects the power state of the projector and uses the projector's power state to turn the switched outlets on or off.

    d.   Cover is a white trim ring, similar to an acoustic tile ceiling grid.

    e.   Enclosure has one 1-1/2 inch NPT fitting to accept projector pole mounting.

    f.   Size: 23.69 inches (602 mm) by 23.69 inches (602 mm) by 6.00 inches (152 mm) deep.

7.   CB Series mounting accessories

    a.   CB-MNT1 mounting kit attaches to the four integral mounting tabs attached to the ceiling box exterior. Kit includes four 100 inch cables and four Kwikloc cable adjusters.

    b.   SB-SK1 Seismic cable kit includes one cable and one Kwikloc cable adjuster. Cable is installed through the ceiling box and is attached to the cable door as a failsafe in the event of a mounting failure.

    c.   CB-THRD mounting kit accepts 1/4 inch and 3/8 inch threaded rod and includes four hanger brackets that mount to the ceiling box with included 1/4-20 hardware.

8.   Model CB-SR12 Drywall frame kit for CB-12 ceiling box: Mounting frame is installed in ceiling opening using threaded rod, stranded wire cable, or screws through specific holes in the sides of the unit. Ceiling box is hung vertically, via the included cables, while the equipment is mounted and wired allowing convenient access to the components and cables.

    a.   Mounting frame is installed in ceiling opening using threaded rod. Ceiling box is hung vertically, via the included cables, while the equipment is mounted and wired allowing convenient access to the components and cables.

9.   Model CBSR-22 Drywall frame kit for CB-22 ceiling box:

    a.   Mounting frame is installed in ceiling opening using threaded rod, stranded wire cable, or screws through specific holes in the sides of the unit. Ceiling box is hung vertically, via the included cables, while the equipment is mounted and wired allowing convenient access to the components and cables.

10.   CB-224 Series: 2 feet by 2 feet high capacity ceiling box designed to fit into a standard 2 feet by 2 feet or 2 feet by 4 feet drop ceiling. Features a drop-down 4RU cage for easy installation and mounting of rack equipment. Cable guides for service loops are provided to allow the equipment to be connected in the down position and then slid up into place.

    a.   Model CB-224:

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b.   Model CB-224P: Adds an adapter for projector pole mounting. Allows cabling to pass from inside the ceiling box, down the pole and to the projector, providing a clean installation

c.   Model CB-224S: Adds cooling fans and the Smart Power module. Allows the power in the box to be either remotely controlled or switched based on the current draw of specific outlets.

d.   Model CB-224SP: Adds cooling fans and the Smart Power module and an adapter for projector pole mounting.
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B.   DSKB Series Desktop Mounting Boxes: Units ergonomically designed with a 45 degree tilt. Designed for mounting standard wall plates when you want them anywhere but the wall. Optional mounting feet allow for the unit to be free moving and versatile. Mounting holes allow for fixed mounting on any flat surface like a desktop or shelf. Units have holes in the backside allow for mounting of IPS connector or grommet plates for cable exit.

     1.   Model DSKB 1G, 1 Gang Desktop Mounting Box:

          a.   Size: 3.41 inches (87 mm) wide, 4.48 inches (114 mm) long, 3.73 inches (95 mm) high.

     2.   Model DSKB 2G, 2 Gang Desktop Mounting Box:

          a.   Size: 5.22 inches (132 mm) wide, 4.48 inches (114 mm) long, 3.73 inches (95 mm) high

     3.   Model DSKB3G , 3 Gang Desktop Mounting Box:

          a.   Size: 7.03 inches (178 mm) wide, 4.48 inches (114 mm) long, 3.73 inches (95 mm) high

     4.   Model DSKB 4G, 4 Gang Desktop Mounting Box:

          a.   Size: 8.84 inches (225 mm) wide, 4.48 inches (114 mm) long, 3.73 inches (95 mm) high

C.   Series MUD-2G: Mud ring is a formed extra wide 4 inch mud ring with square corners for mounting large active electronic devices. Designed to make the installation of the FSR Flex touch screen control system and HDBaseT wall plate transmitters easier. Mud ring will fit both formed and stamped 4 inch square electrical boxes manufactured by the leading electrical part suppliers.

     1.   Model MUD-2G-50: 1/2 inch deep mud ring.

     2.   Model MUD-2G-625: 5/8 inch deep mud ring.

PART 3 EXECUTION

3.1 EXAMINATION

A.   Do not begin installation until substrates have been properly prepared.

B.   Verify locations of floor boxes and outlets in prior to rough-in.

C.   Verify openings in access floor are in proper locations.

D.   Verify outlet locations and routing and termination locations of raceway prior to rough-in.

E.   If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A.   Clean surfaces thoroughly prior to installation.

B.   Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A.   Install in accordance with manufacturer's instructions.

B.   Boxes and fittings are indicated on Drawings in approximate locations unless dimensioned.

C.   Orient boxes to accommodate wiring devices oriented as specified in Section 26 27 26 - Wiring Devices.

D.   Set floor boxes level.

E.   Install boxes and fittings to preserve fire resistance rating of slabs and other elements, using materials and methods specified in Section 07 84 53 - Building Perimeter Firestopping and 16070.

F.   Coordinate installation of access floor boxes with access floor system.

G.   Install wall mounted boxes at elevations to accommodate mounting heights as indicated on Drawings.

H.   Locate flush mounting box in masonry wall to require cutting of masonry unit corner only. Coordinate masonry cutting to achieve neat opening.

I.   Do not install flush mounting box back-to-back in walls; install with minimum 6 inches (150 mm) separation. Install with minimum 24 inches (600 mm) separation in acoustic rated walls.

J.   Secure flush mounting box to interior wall and partition studs. Accurately position to allow for surface finish thickness.

K.   Install stamped steel bridges to fasten flush mounting outlet box between studs.

L.   Install flush mounting box without damaging wall insulation or reducing its effectiveness.

M.   Support boxes independently of conduit.

3.4   PROTECTION

A.   Protect installed products until completion of project.

B.   Touch-up, repair or replace damaged products before Substantial Completion.

3.5   ADJUSTING

A.   Section 01 70 00 - Execution and Closeout Requirements.

B.   Adjust floor box flush with finish flooring material.

C.   Adjust flush-mounting outlets to make front flush with finished wall material

3.6   CLEANING

A.   Section 01 70 00 - Execution and Closeout Requirements.

B.   Clean interior of boxes to remove dust, debris, and other material.

C.   Clean exposed surfaces and restore finish.

END OF SECTION