This guide specification is written according to the Construction Specifications Institute (CSI) formats, including MasterFormat, SectionFormat, and PageFormat.

Carefully review and edit this section to meet the requirements of the project and local building code. Coordinate this section with other specification sections and drawings.

Delete all "Specifier Notes" when done editing this section.

SECTION 26 27 26

WIRING DEVICES

PART 1 - GENERAL

1.1   CONDITIONS AND REQUIREMENTS

  A.   The General Conditions, Supplementary Conditions, and Division 01 – General Requirements apply.

1.2   SECTION INCLUDES

Specifier Note: Retain and edit subparagraphs below to cross-reference products specified in PART 2 - PRODUCTS. Delete those products not retained in PART 2 after editing.

  A.   [Pop-Out] [Tamper-Resistant] [Tamper-Resistant GFCI] [USB] [Energy-Saving ON/OFF] [Wireless] Outlets.

  B.   [Paddle] [Whisper] [Push] [sofTap] [Sensa] [Touch] [Wave] switches.

  C.   [Paddle] [Whisper] [Push] [sofTap] [Sensa] [Touch] Dimmers.

  D.   Paddle fan speed controls.

  E.   Accessories.

  F.   Wall plates.

1.3   RELATED SECTIONS

Specifier Note: In this article, specify work specified in other sections that is related to work of this section.

  A.   Division 26 - Electrical: Electrical systems and components.

  B.   Division 27 - Communications: Communications and audio-video systems and components.

  C.   Division 28 - Electronic Safety and Security: Security systems and components.

Specifier Note: The following paragraph is a sample that may be used in this article. Add to or delete from the following as appropriate for the specific project.

  D.   Section [xx xx xx] – [Section Title]: [Include brief description of work specified in another section that is related to the work of this section.]

1.4   REFERENCES

  A.   National Electrical Manufacturers Association (NEMA):

    1.   NEMA WD 1-1999 (R2010) - General Color Requirements for Wiring Devices.
    2.   NEMA WD 6-2012 - Wiring Devices - Dimensional Specifications.

  B.   Underwriters Laboratories Inc. (UL):

1.   UL 20 - Standard for General-Use Snap Switches.
2.   UL 498 - Standard for Attachment Plugs and Receptacles.
3.   UL 508 - Standard for Industrial Control Equipment.
4.   UL 514D - Standard for Cover Plates for Flush-Mounting Devices.
5.   UL 1310 - Standard for Class 2 Power Units.
6.   UL 1472 - Standard for Solid-State Dimming Controls.
7.   UL 1786 - Standard for Direct Plug-in Nightlights.
8.   UL 1917 - Standard for Solid-State Fan Speed Control.

1.5   SUBMITTALS

Specifier Note: In this article, specify various types of data to be furnished by the contractor before, during, or after construction. Topics included in this article are: product data, shop drawings, samples, design data, test reports, certificates, manufacturers' instructions, manufacturers' field reports, qualification statements, and closeout submittals.

A.   Submit under provisions of Section [01 33 00] [_____].

B.   Product Data: Submit for each type of product specified.

1.6   QUALITY ASSURANCE

Specifier Note: In this article, describe qualifications, regulatory requirements, certifications, field samples, mock-ups, and pre-installation meetings.

A.   Manufacturer Qualifications: Firms regularly engaged in manufacture of devices and wall plates of the types and sizes required, whose products have been in satisfactory use in similar service for not less than 10 years. Provide fire classified electrical floor boxes and fittings produced by a manufacturer listed in this section.

B.   Source Limitations: Obtain each type of device and wall plate through one (1) source from a single manufacturer.

C.   Wiring Devices, Components, and Accessories: CULus listed and labeled and/or CETLus Listed and labeled as defined in NFPA 70, to have been tested and met the minimum requirements of the prescribed NEMA and UL product safety standards. Marked for intended location and application.

1.7   DELIVERY, STORAGE AND HANDLING

A.   Deliver wiring devices and wall plates in factory labeled packages.

B.   Store and handle in strict compliance with manufacturer's written instructions and recommendations.

C.   Protect from damage due to weather, excessive temperature, and construction operations.

PART 2 - PRODUCTS

2.1   MANUFACTURERS

A.   Basis-of-Design Product: The design for wiring devices and wall plates is based on products manufactured by legrand®/adorne™, 60 Woodlawn Street, West Hartford, CT 06110; toll-free 877-295-3472, telephone 877-295-3472, Web Site: www.legrand.us/adorne.

B.   Substitutions will be considered under provisions of Section 01 25 00.

2.2   OUTLETS

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

  A.   Pop-Out™ Outlets:

      1.   General: Outlets comply with UL 498.

      2.   Pop-Out™ Outlet, 1-Gang: adorne™ Part No. ARPTR151G[W2][M2][G2]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; tamper-resistant; includes 1-gang frame for installation; cannot be paired with other switches, dimmers, outlets, or accessories; [white] [magnesium] [graphite] finish; cULus listed.

      3.   Pop-Out™ Outlet, 2-Gang: adorne™ Part No. ARPTR152G[W2][M2][G2]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; tamper-resistant; includes one (1) Pop-Out Outlet and 2-gang frame for installation; use to pair Pop-Out Outlets with other switches, dimmers, outlets, or accessories; [white] [magnesium] [graphite] finish; cULus listed.

  B.   Tamper-Resistant Outlets:

      1.   General: Outlets comply with UL 498.

      2.   Tamper-Resistant Outlet, 2-Module: adorne™ Part No. ARTR152[W8][M4][G4]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; pair with a 1-Module NightLight, Paddle Switch, or USB outlet for greater functionality in a 1-gang, 3-Module wall plate; outlet comes with patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

      3.   Tamper-Resistant Outlet, 2-Module: adorne™ Part No. ARTR202[W4][M4][G4]; rated 20 amps, 125 volts; NEMA Configuration 5-20R; pair with a 1-Module NightLight, Paddle Switch, or USB outlet for greater functionality in a 1-gang, 3-Module wall plate; outlet comes with patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

      4.   Tamper-Resistant Outlet, 3-Module: adorne™ Part No. ARTR153[W4][M4][G4]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; compatible with a 1-gang, 3-Module wall plate only; cannot be used in multi-gang installations; outlet comes with patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

      5.   Tamper-Resistant GFCI Outlet, 2-Module: adorne™ Part No. AGFTR152[W4][M4][G4]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; protects against serious injury due to electric shock; required by National Electrical Code in kitchens, bathrooms, and outdoor locations; outlet comes with patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

      6.   Tamper-Resistant GFCI Outlet, 2-Module: adorne™ Part No. AGFTR202[W4][M4][G4]; rated 20 amps, 125 volts; NEMA Configuration 5-20R; protects against serious injury due to electric shock; required by National Electrical Code in kitchens, bathrooms, and outdoor locations; outlet comes with patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

      7.   Tamper-Resistant GFCI Outlet, 3-Module: adorne™ Part No. AGFTR153[W4][M4] [G4]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; protects against serious injury due to electric shock; required by National Electrical Code in kitchens, bathrooms, and outdoor locations; compatible with a 1-gang, 3-Module wall plate only; cannot be used in multi-gang installations; outlet comes with

patented shutter system to prevent children from pushing small objects into the outlet; [white] [magnesium] [graphite] finish; CULus listed.

C.   USB Outlets:

1.   General: Outlets ETL tested and labeled for compliance with UL 1310.
2.   USB Outlet, 1-Module: adorne™ Part No. ARUSB[W4][M4] [G4]; rated 2.1 amps, 5 volts DC, 11 watts; charges mobile devices such as phone and tablets; pair with a 1-module switch or second USB outlet in a 1-gang, 2-Module wall plate or with a 1-gang, 3-Module wall plate for more functionality in one box; [white] [magnesium] [graphite] finish; CETLus Listed.

D.   Energy-Saving ON/OFF Outlets:

1.   General: Outlets comply with UL 498.
2.   Energy-Saving ON/OFF Outlet, 2-Module: adorne™ Part No. ARPS152[W4][M4] [G4]; rated 15 amps, 125 volts, with built-in manual switch; NEMA Configuration 5-15R; promotes saving energy and stopping flow of power without unplugging devices; for use in kitchens, bathrooms, and computer rooms; [white] [magnesium] [graphite] finish; CULus listed.

E.   Wireless ON/OFF Outlets:

1.   General: Outlets comply with UL 498.
2.   Wireless ON/OFF Outlet: adorne™ Part No. ARPS15RF2[W4][M4] [G4]; rated 15 amps, 125 volts; NEMA Configuration 5-15R; controls plug load from a new location without running additional wires when paired with adorne™ sofTap Wireless Master Switch; on/off switch allows the user to save energy and stop flow of power to outlet without unplugging the device; [white] [magnesium] [graphite] finish; CULus listed.

2.3   SWITCHES

A.   General: Switches comply with UL 20 or UL 508.

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

B.   One-Module Paddle™ Switches:

1.   Single-Pole, Three-Way: adorne™ Part No. ASPD1531[W4][M4] [G4]; single-pole, 3-way; rated 15A,120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.
2.   Single-Pole, Three-Way: adorne™ Part No. ASPD1531[W277][M277]; single-pole, 3-way, half-size; rated 15A, 277 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

Specifier Note: Retain the following optional feature if required for a specific project.

3.   [Locator Status Light: adorne™ Part No. AALSL6; light is on when load is off and off when load is on; simplifies finding the switch in a dark room.]

C.   Two-Module Paddle™ Switches:

1.   Single-Pole, Three-Way: adorne™ Part No. ASPD1532[W4][M4] [G4]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish;

compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

2.   Single-Pole, Three-Way: adorne™ Part No. ASPD2032[W4][M4] [G4]; single-pole, 3-way; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

3.   Four-Way: adorne™ Part No. ASPD1542[W277][M277][G277]; pair with two (2) 3-way switches; rated 15A, 120/277 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

4.   Four-Way: adorne™ Part No. ASPD2042[W4][M4] [G4]; pair with two (2) 3-way switches; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

5.   Single-Pole, Three-Way: adorne™ Part No. ASPD1532[WEDRBL][MEDRBL][GEDRBL]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Doorbell"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

6.   Single-Pole, Three-Way: adorne™ Part No. ASPD1532[WEMSTR][MEMSTR][GEMSTR]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Master"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

7.   Single-Pole, Three-Way: adorne™ Part No. ASPD1532[WENL][MENL][GENL]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Nightlight"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

8.   Single-Pole, Three-Way: adorne™ Part No. ASPD2032[WEDRBL][MEDRBL][GEDRBL]; single-pole, 3-way; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Doorbell"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

9.   Single-Pole, Three-Way: adorne™ Part No. ASPD2032[WEMSTR][MEMSTR][GEMSTR]; single-pole, 3-way; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Master"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

10. Single-Pole, Three-Way: adorne™ Part No. ASPD2032[WENL][MENL][GENL]; single-pole, 3-way; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Nightlight"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

11. Four-Way: adorne™ Part No. ASPD1542[WEDRBL][MEDRBL][GEDRBL]; pair with two (2) 3-way switches; rated 15A, 120/277 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Doorbell"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

12. Four-Way: adorne™ Part No. ASPD1542[WEMSTR][MEMSTR][GEMSTR]; pair with two (2) 3-way switches; rated 15A, 120/277 VAC; 1/2-hp; [white]

[magnesium] [graphite] finish; engraved with the word "Master"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

13. Four-Way: adorne™ Part No. ASPD1542[WENL][MENL][GENL]; pair with two (2) 3-way switches; rated 15A, 120/277 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Nightlight"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

14. Four-Way: adorne™ Part No. ASPD2042[WEDRBL][MEDRBL][GEDRBL]; pair with two (2) 3-way switches; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Doorbell"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

15. Four-Way: adorne™ Part No. ASPD2042[WEMSTR][MEMSTR][GEMSTR]; pair with two (2) 3-way switches; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Master"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

16. Four-Way: adorne™ Part No. ASPD2042[WENL][MENL][GENL]; pair with two (2) 3-way switches; rated 20A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; engraved with the word "Nightlight"; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting; CULus listed.

Specifier Note: Retain the following optional feature if required for a specific project.

17. [Locator Status Light: adorne™ Part No. AALSL6; light is on when load is off and off when load is on; simplifies finding the switch in a dark room.]

D. Whisper™ Switches: adorne™ Part No. ASWR1532[W4][M4] [G4]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a slim rocker switch with classic, elegant lines and a silent, fluid motion; CULus listed.

Specifier Note: Retain the following optional feature if required for a specific project.

1. [Locator Status Light: adorne™ Part No. AALSL6; light is on when load is off and off when load is on; simplifies finding the switch in a dark room.]

E. Push™ Switches: adorne™ Part No. ASPU1532[W4][M4]; single-pole, 3-way; rated 15A, 120 VAC; 1/2-hp; [white] [magnesium] finish; compatible with all types of loads; features a simple push-button motion to turn lights on and off; CULus listed.

Specifier Note: Retain the following optional feature if required for a specific project.

1. [Locator Status Light: adorne™ Part No. AALSL6; light is on when load is off and off when load is on; simplifies finding the switch in a dark room.]

F. sofTap™ Switches:

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

1. Single-Pole, Three-Way: adorne™ Part No. ASTP1532[W4][M4] [G4]; single-pole, 3-way; rated 15A, 120 VAC, 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; uses micro-movement to turn lights on and off with a soft tap of the finger; CULus listed.

2. Multi-Location Wireless Master: adorne™ Part No. ASTPRF2[W2][M2][G2]; wireless master, multi-location; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting with RF communication up to 30 feet from master location (hard wired to load) ; CULus listed.

3. Multi-Location Wireless Remote: adorne™ Part No. ASTPRFR2[W2][M2][G2]; wireless remote, multi-location; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting with RF communication for remote locations; CULus listed.

4. Whole-House Wireless Master: adorne™ Part No. ASTP155RM[W1][M1][G1]; wireless master, whole-house; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting with RF communication up to 100 feet from master location (hard wired to load), 300 feet with repeater; CULus listed.

5. Whole-House Wireless Remote: adorne™ Part No. ASTPRR[W1][M1][G1]; wireless remote, whole-house; [white] [magnesium] [graphite] finish; compatible with all types of loads; features a simple up and down motion, permitting easy on-off control of lighting with RF communication up to 100 feet from remote locations, 300 feet with repeater; CULus listed.

G. SensaSwitches™:

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

Specifier Note: Multi-way is 3-way or 4-way switching when paired with other similar multi-way devices on the same circuit. Multi-way pairings: occupancy sensors should be paired with occupancy sensors, vacancy sensors with vacancy sensors and timers with timers.

1. Switches use passive-infrared (PIR) sensor technology to automatically turn lights on and off when leaving a room; includes micro movement technology to manually turn lights on and off with a soft touch of the finger and occupancy sensor. The occupancy sensor, vacancy sensor, and dimmer each have a maximum coverage range of 180 degrees and coverage area of 600 sq ft.

2. Single-Pole, Multi-Way: adorne™ Part No. ASOS32[W4][M4] [G4]; single-pole, multi-way when paired together on the same circuit; rated 600W, 120 VAC, 60 Hz, 1/6-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; auto-ON/auto-OFF; 5-30-minute time delay; CULus listed.

3. Multi-Way: adorne™ Part No. ASOS32[W4][M4] [G4]; rated 600W, 120 VAC, 60 Hz, 1/6-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; auto-ON/auto-OFF; 30 second-30-minute time delay; CULus listed; CA Title 20/24 Compliant.

4. Single-Pole, Multi-Way: adorne™ Part No. ASVS12[W4][M4] [G4]; single-pole, multi-way; rated 600W, 120 VAC, 60 Hz, 1/6-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; manual-ON/auto-OFF; 5-30-minute time delay; CULus listed; CA Title 24 compliant.

5. Multi-Way: adorne™ Part No. ASVS12[W4][M4] [G4]; multi-way; rated 600W, 120 VAC, 60 Hz, 1/6-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; manual-ON/auto-OFF; 30 second-30-minute time delay; CULus listed; CA Title 20/24 compliant.

6. Single-Pole, Multi-Way: adorne™ Part No. ASTM2[W2][M2][G2]; single-pole, multi-way; rated 600W, 120 VAC, 60 Hz, 1/6-hp; [white] [magnesium] [graphite]

finish; compatible with all types of loads; manual-ON/timed-OFF, selectable times of 10, 20, 30 or 60 minutes with a soft touch of the finger; CULus listed.

H.   Touch™ Switches:

1.   General: Switches comply with UL 508.

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

2.   Single-Pole, Three-Way: adorne™ Part No. ASTH1532[W2][M2][G2]; single-pole, 3-way; rated 15A, 120 VAC, 60 Hz, 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features translucent face; operates by a touch of the finger on a circle to turn lights on and off; CULus listed.

3.   Whole-House Wireless Master: adorne™ Part No. ASTH155RM[W1][M1][G1]; wireless master, whole-house; [white] [magnesium] [graphite] finish; compatible with all types of loads; features translucent face; operates by a touch of the finger on a circle to turn lights on and off; RF communication up to 30 feet from master location; CULus listed.

4.   Whole-House Wireless Remote: adorne™ Part No. ASTHRR[W1][M1][G1]; wireless remote, whole-house; [white] [magnesium] [graphite] finish; compatible with all types of loads; features translucent face; operates by a touch of the finger on a circle to turn lights on and off; RF communication up to 30 feet from remote location; CULus listed.

I.   Wave™ Switches:

1.   General: Switches comply with UL 508.
2.   Single-Pole, Three-Way: adorne™ Part No. ASWV1532[W2][M2][G2]; single-pole, 3-way; rated 15A, 120 VAC, 1/2-hp; [white] [magnesium] [graphite] finish; compatible with all types of loads; features innovative technology combined with sleek, contemporary design; operates by a wave of the hand in front of the switch to turn lights on and off; sensor distance preset at four (4) inches, adjustable from one (1) to six (6) inches in front of switch; CULus listed.

2.4   DIMMERS

A.   General: Dimmers comply with UL 1472.

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

B.   Paddle™ Dimmers:

1.   Single-Pole, Three-Way: adorne™ Part No. ADPD703H[W4][M4] [G4]; single-pole, 3-way, 2-wire; rated 25W - 700W; compatible with incandescent and halogen lamps; [white] [magnesium] [graphite] finish; features a simple up and down motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

2.   Single-Pole, Three-Way: adorne™ Part No. ADPD1103H[W4][M2]; single-pole, 3-way, 2-wire; rated 25W - 1100W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features a simple up and down motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

3.   Single-Pole, Three-Way: adorne™ Part No. ADPD453L[W2][M2][G2]; single-pole, 3-way, 2-wire; rated 25W - 450W for CFL and LED lamps and 600W for incandescent and halogen lamps; [white] [magnesium] [graphite] finish; features

a simple up and down motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

4.   Single-Pole, Three-Way: adorne™ Part No. ADPD4FBL3P2[W4][M4] [G4]; preset single pole and 3-way operation; 120 or 277VAC, 60Hz; constant memory returns lights to previous level after a power failure; no derating required in multi-gang applications; white LED locator light; polycarbonate enclosure material; Incandescent, Halogen & ELV: 700W, MLV: 50VA, LED/CFL: 450W (not compatible with 0-10V LED drivers), EFL: 5.5A; CULus listed; [white] [magnesium] [graphite] finish

C.   Whisper™ Dimmers:

1.   Single-Pole, Three-Way, True Universal: adorne™ Part No. ADWR703TU[W4][M4] [G4]; single-pole, 3-way, 3-wire; rated 700W; compatible with incandescent, halogen, forward and reverse-phase ELV, MLV, fluorescent, CFL, and LED lamps; [white] [magnesium] [graphite] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

2.   Single-Pole, Three-Way: adorne™ Part No. ADWR703H[W4][M4]; single-pole, 3-way, 2-wire; rated 25W - 700W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

3.   Single-Pole, Three-Way: adorne™ Part No. ADWR1103H[W4][M4]; single-pole, 3-way, 2-wire; rated 25W - 1100W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

D.   Whisper™ Dimmers, Multi-Location Wireless:

1.   Wireless Master, Multi-Location, True Universal: adorne™ Part No. ADWR700MMTU[W2][M2][G2]; 3-wire; rated 6W - 700W for incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; rated 6W - 450W for CFL, LED, and Reverse-Phase ELV; [white] [magnesium] [graphite] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; RF communication up to 30 feet from master location; CULus listed.

2.   Wireless Master, Multi-Location: adorne™ Part No. ADWR600MMH[W2][M2][G2]; 2-wire; rated 25W - 600W; compatible with incandescent and halogen lamps; [white] [magnesium] [graphite] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; RF communication up to 100 feet from master location, 300 feet with repeater; CULus listed.

3.   Wireless Remote Dimmer, Multi-Location: adorne™ Part No. ADWRMRU[W2][M2][M2]; CULus listed.

E.   sofTap™ Dimmers:

1.   Single-Pole, Three-Way, True Universal: adorne™ Part No. ADTP703TU[W4][M4][M4]; single-pole, 3-way, 3-wire; rated 700W; compatible with incandescent, halogen, forward and reverse-phase ELV, MLV, fluorescent, CFL, and LED lamps; [white] [magnesium] [graphite] finish; features innovative

micro-movement that turns lights on and off with just a soft tap of the finger; includes unique paddle to adjust light levels; CULus listed.

2. Single-Pole, Three-Way: adorne™ Part No. ADTP703H[W2][M2]; single-pole, 3-way, 2-wire; rated 700W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features innovative micro-movement that turns lights on and off with just a soft tap of the finger; includes unique paddle to adjust light levels; CULus listed.

3. Single-Pole, Three-Way: adorne™ Part No. ADTP1103H[W4][M4]; single-pole, 3-way, 2-wire; rated 1100W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features innovative micro-movement that turns lights on and off with just a soft tap of the finger; includes unique paddle to adjust light levels; CULus listed.

F. sofTap™ Dimmers, Multi-Location Wireless:

1. Wireless Master, Multi-Location: adorne™ Part No. ADTP600MMH[W2][M2]; 3-wire; rated 600W; compatible with incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; [white] [magnesium] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

2. Wireless Remote, Multi-Location: adorne™ Part No. ADTPMRU[W2][M2][G2]; compatible with all loads; [white] [magnesium] [graphite] finish; CULus listed.

3. Wireless Master, Multi-Location, True Universal: adorne™ Part No. ADTP700MMTU[W2][M2][G2]; 3-wire; rated 450W for CFL, LED, and reverse-phase ELV lamps, rated 700W for incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; [white] [magnesium] [graphite] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

G. sofTap™ Dimmers, Whole-House Wireless:

1. Wireless Master, Whole-House: adorne™ Part No. ADTP600RMH[W1][M1]; 2-wire; rated 600W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

2. Wireless Master, Whole-House, Tru-Universal: adorne™ Part No. ADTP700RMTU[W1][M1][G1]; 3-wire; rated 450W for CFL, LED, and reverse-phase ELV lamps, rated 700W for incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; [white] [magnesium] [graphite] finish; features classic, elegant lines and a fluid motion, permitting easy on-off control of lighting; includes slider for dimming lights; CULus listed.

3. Wireless Remote, Whole-House: adorne™ Part No. ADTPRR[W1][M1][G1]; compatible with all loads; [white] [magnesium] [graphite] finish; CULus listed.

H. SensaDimmers™, Auto-ON, Auto-OFF:

Specifier Note: Multi-way is 3-way or 4-way switching when paired with other multi-way devices on the same circuit. Multi-way pairings: multi-way dimmers should be paired with multi-way dimmers.

1. Single-Pole, Multi-Way: adorne™ Part No. ADSM703H[W2][M2][G2]; single-pole, 3-way, 3-wire; rated 700W; adjustable from 5-30 minutes; compatible with incandescent and halogen lamps; [white] [magnesium] [graphite] finish; features passive infrared (PIR) sensor technology, automatically turns lights on or off

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when someone enters or leaves a room; includes a dimming occupancy sensor; CULus listed.

2.   Single-Pole, Multi-Way: adorne™ Part No. ADSM703H[W2][M2][G2]; single-pole, 4-way, 3-wire; rated 700W; adjustable from 5-30 minutes; compatible with CFL and 450-watt LED lamps; [white] [magnesium] [graphite] finish; features passive infrared (PIR) sensor technology, automatically turns lights on or off when someone enters or leaves a room; includes a dimming occupancy sensor; CULus listed.

I.   Touch™ Dimmers:

1.   Single-Pole, Three-Way, True Universal: adorne™ Part No. ADTH703TU[W4][M4][G4]; single-pole, 3-way, 3-wire; rated 700W; compatible with incandescent, halogen, forward and reverse-phase ELV, MLV, fluorescent, CFL, and LED lamps; [white] [magnesium] [graphite] finish; features translucent face; operates by a touch of the finger on the circle to turn lights on and off; includes arrows on right side of switch for dimming; CULus listed.

J.   Touch™ Dimmers, Multi-Location Wireless:

1.   Wireless Remote, Multi-Location: adorne™ Part No. ADTHMRU[W2][M2][G2]; compatible with all loads; [white] [magnesium] [graphite] finish; CULus listed.
2.   Wireless Master, Multi-Location, True Universal: adorne™ Part No. ADTH700MMTU[W2][M2][G2]; 3-wire; rated 450W for CFL, LED, and reverse-phase ELV lamps, rated 700W for incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; [white] [magnesium] [graphite] finish; features translucent face; operates by a touch of the finger on the circle to turn lights on and off; includes arrows on right side of switch for dimming; CULus listed

K.   Touch™ Dimmers, Whole-House Wireless:

1.   Wireless Master, Whole-House: adorne™ Part No. ADTH600RMH[W1][M1]; 2-wire; rated 600W; compatible with incandescent and halogen lamps; [white] [magnesium] finish; features translucent face; operates by a touch of the finger on the circle to turn lights on and off; includes arrows on right side of switch for dimming; CULus
2.   Wireless Remote, Whole-House: adorne™ Part No. ADTHRR[W1][M1][G1]; compatible with all loads; [white] [magnesium] [graphite] finish; CULus listed.
3.   Wireless Master, Whole-House, True Universal: adorne™ Part No. ADTH700RMTU[W1][M1][G1]; 3-wire; rated 450W for CFL, LED, and reverse-phase ELV lamps, rated 700W for incandescent, halogen, forward-phase ELV, MLV, and fluorescent lamps; [white] [magnesium] [graphite] finish; features translucent face; operates by a touch of the finger on the circle to turn lights on and off; includes arrows on right side of switch for dimming; CULus listed

L.   Paddle™ Fan Speed Controls:

1.   General: Fan speed controls comply with UL 1917.
2.   Four-Speed De-hummer Controls: adorne™ Part No. AAFN4S16A[W4][M4] [G4]; rated 1.6-amp, 120 volts AC; compatible with paddle-type ceiling fans; [white] [magnesium] [graphite] finish; features a simple up and down motion, permitting easy on-off control of lighting; includes slider for adjusting fan speed; CULus listed.

2.5   ACCESSORIES

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

A.   Nightlights:

  1.   General: ETL tested and listed for compliance with UL 1786.
  2.   Nightlight, 1-Module: adorne™ Part No. AANLM14; ambient light level sensor, soft, glowing LED light; pairs with a switch or outlet in a 1-gang, 3-module plate; light levels include: "always off," "low," "medium," and "high".
  3.   Nightlight, 2-Module: adorne™ Part No. AANLM24; ambient light level sensor, soft, glowing LED light; light levels include: "always off," "low," "medium," and "high".
  4.   Portable Nightlight/Flashlight: adorne™ Part No. AARNL2; ambient light level sensor, soft, glowing LED light; push nightlight to remove it from wall for use as a flashlight, device recharges while mounted in wall and operates for up to 10 hours during a power failure; light levels include: "always off," "low," "medium," "high," and "flashlight".

B.   Accent Nightlights:

Specifier Note: Accent Nightlights are not compatible with pop-out outlets and may not fit in metal mudrings with round corners.

  1.   General: ETL tested and listed for compliance with UL 514D.
  2.   General: The accent nightlight can be added to any adorne™ product and is compatible with any size wall plate. Device is invisible once installed and can be activated by placing a finger under the wall plate. This causes the light to cycle through several light level options including: Daytime "Auto-OFF" and "Always ON", Night Time "high," "medium," "low," "ultra-low," and "OFF."
  3.   Accent Nightlight, 1-Gang: adorne™ Part No. AAAL1G4.
  4.   Accent Nightlight, 2-Gang: adorne™ Part No. AAAL2G2.
  5.   Accent Nightlight, 3-Gang: adorne™ Part No. AAAL3G2.
  6.   Accent Nightlight, 4-Gang: adorne™ Part No. AAAL4G2.

C.   Locator Status Lights:

  1.   General: A small locator light can be added to a Paddle, Whisper, or Push switch or dimmer; standard feature on sofTap, SensaSwitch, Touch, and Wave switches and dimmers. Facilitates locating the switch or dimmer in the dark. Locator light is on when the load is off and off when the load is on.
  2.   Locator Status Light: adorne™ Part No. AALSL6; CETLus Listed.

D.   Blank Modules:

  1.   General: ETL tested and listed for compliance with UL 514D.
  2.   General: Blank inserts can be paired with other 1-module devices such as the Nightlight, Paddle Switch, or USB, in a 1-gang wall plate to provide a complete, finished appearance.
  3.   Blank, 1-Module: adorne™ Part No. AABK1[W4][M4] [G4]; [white] [magnesium] [graphite] finish.

E.   Mounting Frames:

  1.   General: ETL tested and listed for compliance with UL 514D.
  2.   Mounting Frame, 1-Gang: adorne™ Part No. AF1G.
  3.   Mounting Frame, 2-Gang: adorne™ Part No. AF2G.
  4.   Mounting Frame, 3-Gang: adorne™ Part No. AF3G.

      5.   Mounting Frame, 4-Gang: adorne™ Part No. AF4G.

F.   Keystone Frames:

      1.   General: Keystone frames enable audio, video, and data connectivity in an adorne™ wall plate. Pair and keystone insert with a 1-port, 2-port, or 4-port frame and then mount in an adorne™ wall plate for a complete installation.

      2.   1-Port Frame: adorne™ Part No. AC1PF[W1][M1]; [white] [magnesium] finish.

      3.   2-Port Frame: adorne™ Part No. AC2PF[W1][M1]; [white] [magnesium] finish.

      4.   4-Port Frame: adorne™ Part No. AC4PF[W1][M1]; [white] [magnesium] finish.

      5.   In-Wall Cable Access Port: adorne™ Part No. ACBRSTP[W1][M1]; [white] [magnesium] finish.

G.   Keystone Inserts:

      1.   Cat 5e RJ45 Data/Phone Insert: adorne™ Part No. AC5ERJ45[W1][M1]; [white] [magnesium] finish.

      2.   Cat 5e RJ45 Data Coupler Insert: adorne™ Part No. AC5ERJ45C[W1][M1]; [white] [magnesium] finish.

      3.   Cat 6 RJ45 Data Insert: adorne™ Part No. AC6RJ45[W1][M1]; [white] [magnesium] finish.

      4.   RJ25 Phone Jack: adorne™ Part No. ACRJ45[W1][M1]; [white] [magnesium] finish.

      5.   Component Video RCA to F Kit: adorne™ Part No. ACRGBRCAF[W1][M1]; [white] [magnesium] finish.

      6.   Composite Video RCA to F-Connector: adorne™ Part No. ACYRCAF[W1][M1]; [white] [magnesium] finish.

      7.   HDMI Keystone Coupler: adorne™ Part No. ACHDMI[W1][M1]; [white] [magnesium] finish.

      8.   Single Keystone Speaker Connector: adorne™ Part No. ACSSI[W1][M1]; [white] [magnesium] finish.

      9.   Speaker Binding Post: adorne™ Part No. ACABP[W1][M1]; [white] [magnesium] finish.

      10.   Subwoofer RCA to F-Connector: adorne™ Part No. ACPRCAF[W1][M1]; [white] [magnesium] finish.

      11.   Video F-Connector: adorne™ Part No. ACNRFC[W1][M1]; [white] [magnesium] finish.

      12.   Blank Keystone Insert: adorne™ Part No. ACBLK[W4][M4]; [white] [magnesium] finish; four (4) pack.

2.6   WALL PLATES

Specifier Note: The adorne system is designed to complete the enclosure with the mounting sub-frame and device. The final finish wall plate is not required by code. The finished plates come with mounting sub-frame. The finished plates are auto grounded as needed. Separate mounting sub-frames are also available.

Specifier Note: adorne wall plates and metal frames must be used with adorne devices.

Specifier Note: Always retain the first and second paragraphs below.

A.   Wall Plates, General: Single and combination types matching corresponding wiring devices.

      1.   Available in one (1) through six (6) gang sizes to complement adorne™ switches, dimmers, outlets, and accessories. Collection includes variety of finishes,

including cast metals, real materials, and plastic. Each wall plate comes with a metal frame to enable easy installation when paired with a device. Plates are screwless and snap onto the metal frame. All wall plates are UL and ETL-approved.

B.   Wall plates are ETL and UL tested and listed for compliance with UL 514D.

Specifier Note: Retain as many of the following products as required for a specific project and delete the others.

Specifier Note: Insert the appropriate part number in the first bracketed box below from the manufacturer's catalog to correspond to the number of gangs of the device that plate is paired with. Insert number of gangs in second bracketed box below. Retain finish and color as required for a specific project and delete the others.

C.   Wall Plates, Cast Metals: adorne™ Part No. [Insert manufacturer's part number] [Insert number of gangs and modules as designated by part number] [Aged Bronze] [Antique Bronze] [Antique Nickel] [Brushed Brass] [Brushed Pewter] [Brushed Stainless Steel] [Dark Burnished Pewter] [Oil-Rubbed Bronze] [Satin Bronze] [Satin Nickel] finish and color.

Specifier Note: Insert the appropriate part number in the first bracketed box below from the manufacturer's catalog to correspond to the number of gangs of the device that plate is paired with. Insert number of gangs in second bracketed box below. Retain finish and color as required for a specific project and delete the others.

D.   Wall Plates, Real Materials: adorne™ Part No. [Insert manufacturer's part number] [Insert number of gangs and modules as designated by part number] [Black Leather] [Brushed Stainless] [French Oak] [Mirror Black] [Mirror White] [Wenge Wood] [Custom with Magnesium Trim] [Custom with White Trim] finish and color.

Specifier Note: Insert the appropriate part number in the first bracketed box below from the manufacturer's catalog to correspond to the number of gangs of the device that plate is paired with. Insert number of gangs in second bracketed box below. Retain finish and color as required for a specific project and delete the others.

E.   Wall Plates, Plastics: adorne™ Part No. [Insert manufacturer's part number] [Insert number of gangs and modules as designated by part number] [Bronze] [Cherry] [Gloss White] [Graphite] [Honey] [Lichen Green] [Pale Blue] [Plum] [Satin Light Almond] [Soft Touch Felt Green] [Soft Touch Moss Grey] [Soft Touch Russet] [Titanium] [Turquoise Blue] finish and color.

PART 3 - EXECUTION

3.1   EXAMINATION

Specifier Note: Retain one (1) of the options in the first paragraph below and delete the other one.

A.   Examine conditions under which wiring devices and accessories are to be installed. Notify the [Architect/Engineer] [Construction Manager] in writing of conditions detrimental to proper completion of the work. Do not proceed with work until unsatisfactory conditions have been corrected.

3.2   INSTALLATION

A. Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and to prevent electrical hazards.

B. Repair wall finishes and remount outlet boxes when device plates do not fit flush or do not cover rough wall opening.

3.3 CLEANING AND PROTECTION

A. Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer.

B. Protect wiring devices and accessories until acceptance.

END OF SECTION

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