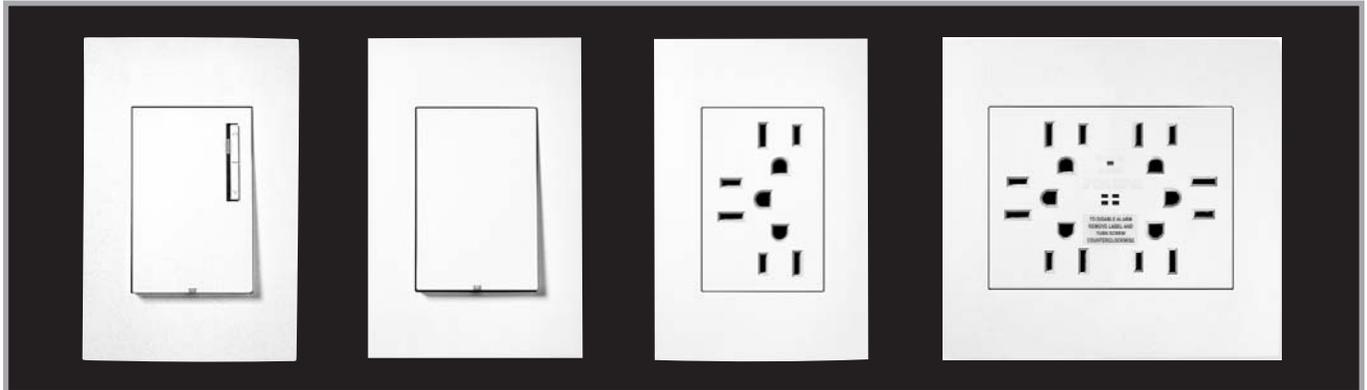


Premium Grade Collection of Lighting Controls, Switches, Receptacles, Voice and Data and Wallplates.



Dimmer/
Matching Remote
ACI06-1L/AC00R-1L

Electronic Switch/
Matching Remote
ACS15-1L/AC0SR-1L

Triplex Receptacle
AC315

Sixplex Surge Receptacle
ACSR6

Key Product Features

- Efficient construction with consistent form factor, excellent ergonomic traits and precision feel
- Innovative contoured geometry offers an exclusive aesthetic design
- Flawless multi-gang installation with no dividers between devices
- All visible surfaces molded from engineering-grade polymer for uniformity and flawless color match
- Subtle, matte finish complements décor
- Blue LED serves as locator
- Premium Grade with Five-Year Limited Warranty
- Meet all applicable UL, CSA, NOM and FCC requirements

Standard Features

- Universal design
- Quiet, crisp actuation, minimal travel
- Alignment plate with positioning pins ensures alignment of devices and wallplate during installation
- Multi-function self-grounding clip
- Screwless, snap-on engineering-grade polymer and metal-finish wallplates



JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

DIMMERS NOM

For Single-Pole, 3-Way or More Applications

Description	Rating (For Multigang Installation see Derating Chart)	Cat. No.
 Incandescent with LED Locator and Brightness Display	600W-120VAC	ACI06-1L
 Magnetic Low-Voltage with LED Locator and Brightness Display	600VA-120VAC	ACM06-1L
 Incandescent/Magnetic Low-Voltage with LED Locator and Brightness Display	1000W-120VAC Incandescent 1000VA-120VAC Magnetic Low-Voltage	ACM10-1L
 Electronic Low-Voltage with LED Locator and Brightness Display. Neutral connection required.	400W-120VAC	ACE04-1L

Description	Rating (For Multigang Installation see Derating Chart)	Cat. No.
 Electronic Low-Voltage with LED Locator and Brightness Display. Neutral connection required.	600W-120VAC	ACE06-1L
 Mark 10™ <i>Powerline</i> or Tu-Wire™ Fluorescent Dimmer with LED Locator and Brightness Display. Neutral connection required.	1000VA- 120VAC	ACX10-1L
 Hi-lume® or Eco-10™ (Eco-Series) Fluorescent Dimmer with LED Locator and Brightness Display. Neutral connection required.	8A-120VAC	ACH08-1L
 Quiet Fan Speed Control with LED Locator and Speed Display. Neutral connection required.	1.5A-120VAC	ACF01-1L

DIMMER REMOTES NOM

Description	Rating	Cat. No.
 Coordinating Dimmer Remote to 120VAC Dimmers/Fan Speed Controls for 3-way or up to 10 location applications (No LED). Neutral connection required, except for incandescent applications.	120VAC No load rating	AC00R-10

Description	Rating	Cat. No.
 Matching Dimmer Remote to Dimmers/Fan Speed Control for 3-way or up to 5 location applications, with LED Locator and Brightness Display. Neutral connection required.	120VAC No load rating	AC00R-1L

ACENTI ELECTRONIC SWITCHES NOM

Description	Rating	Cat. No.
 Electronic Switch with LED Locator For single-pole, 3-way or more applications. Neutral connection required.	15A-120VAC	ACS15-1L
 Coordinating Switch Remote for 3-way or up to 10 location applications (No LED). Neutral connection required.	120VAC No load rating	AC0SR-10

Description	Rating	Cat. No.
 Matching Switch Remote for 3-way or up to 5 location applications, with LED Locator. Neutral connection required.	120VAC No load rating	AC0SR-1L

ACENTI ELECTROMECHANICAL SWITCHES NOM

Description	Rating	Cat. No.	Description	Rating	Cat. No.	Description	Rating	Cat. No.
 Single-Pole Electromechanical Switch with LED Locator	20A-120VAC	AC201-1L	 3-Way Electromechanical Switch with LED Locator	20A-120VAC	AC203-1L	 4-Way Electromechanical Switch with LED Locator	20A-120VAC	AC204-1L
 Single-Pole Electromechanical Switch with LED Locator	20A-277VAC	AC201-7L	 3-Way Electromechanical Switch with LED Locator	20A-277VAC	AC203-7L	 4-Way Electromechanical Switch with LED Locator	20A-277VAC	AC204-7L

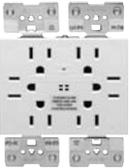
ACENTI RECEPTACLES NOM

Description	Rating	Cat. No.	Description	Rating	Cat. No.
 15A Triplex Receptacle	15A-125V NEMA 5-15R	AC315	 15A Duplex Receptacle	15A-125V NEMA 5-15R	AC215
 20A Triplex Receptacle	20A-125V NEMA 5-20R	AC320	 20A Duplex Receptacle	20A-125V NEMA 5-20R	AC220

GFCI (GROUND FAULT CIRCUIT INTERRUPTER) RECEPTACLES NOM

Description	Rating	Cat. No.	Description	Rating	Cat. No.
 15A Duplex GFCI Receptacle	15A-125V NEMA 5-15R Receptacle, 20A-125V Feed-Through	AC551	 20A Duplex GFCI Receptacle	20A-125V NEMA 5-20R Receptacle 20A-125V Feed-Through	AC552

SURGE RECEPTACLES NOM

Description	Rating	Cat. No.	Description	Rating	Cat. No.
 Duplex Receptacle with Indicator Light and Audible Alarm	15A-125V NEMA 5-15R	ACSSR	 Sixplex Receptacle with Indicator Light and Audible Alarm	15A-125V NEMA 5-15R	ACSR6

WALLPLATES AND ACCESSORIES NOM

Wallplates

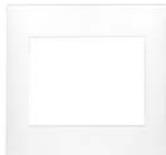
Screwless, Snap-On Wallplates

- Alignment plate with positioning pins ensures alignment of devices and wallplate during installation
- For all Acenti devices
- Available in engineering-grade polymer—See Acenti Colors at bottom of page.
- Also available in brushed stainless steel (-STS), polished chrome (-PCH) and 24 karat gold (-24K) finishes

Description	Engineering-Grade Polymer	Brushed Stainless Steel	Polished Chrome	24K Gold
1-Gang	ACWP1	ACWM1-STS	ACWM1-PCH	ACWM1-24K
2-Gang	ACWP2	ACWM2-STS	ACWM2-PCH	ACWM2-24K
3-Gang	ACWP3	ACWM3-STS	ACWM3-PCH	ACWM3-24K
4-Gang	ACWP4	ACWM4-STS	ACWM4-PCH	ACWM4-24K
5-Gang	ACWP5	ACWM5-STS	ACWM5-PCH	ACWM5-24K
6-Gang	ACWP6	ACWM6-STS	ACWM6-PCH	ACWM6-24K
Blank wallplate insert	ACW14			



1-Gang



2-Gang



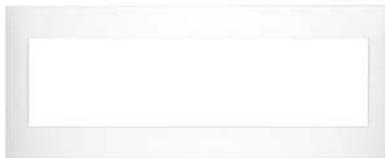
3-Gang



4-Gang



5-Gang



6-Gang



Blank Wallplate Insert

VOICE AND DATA NOM

- Use with QuickPort® Snap-In connectors for data, audio and video applications
- Compatible with complete line of Acenti screwless, snap-on wallplates

QuickPort® Snap-In Connectors				QuickPort® Wallplate Inserts		
Description	Cat. No.	Description	Cat. No.	Description	Cat. No.	
Cat 5e Jack	AC108-R*5	Banana Jack w/Black Stripe	AC837-B*E	 4-Port	2-Port Insert	AC642
RCA Jack w/Red Stripe	AC830-B*R	Binding Post w/Red Stripe	AC833-B*R		3-Port Insert	AC643
RCA Jack w/Black Stripe	AC830-B*E	Binding Post w/Black Stripe	AC833-B*E		4-Port Insert	AC644
RCA Jack w/Yellow Stripe	AC830-B*Y	BNC Adapter, Nickel-Plated	AC084-B*F		6-Port Insert	AC646
RCA 110 Termination, Orange Barrel	AC735-RO*	BNC Adapter, Gold-Plated	AC832-OB*			
RCA 110 Termination, Red Barrel	AC735-RR*	F-Type Adapter, Nickel-Plated	AC084-F*F			
RCA 110 Termination, White Barrel	AC735-RW*	F-Type Adapter, Gold-Plated	AC831-OB*			
RCA 110 Termination, Yellow Barrel	AC735-RY*	Blank Insert	AC084-B*B			
Banana Jack w/Red Stripe	AC837-B*R	S-Video Module, 110 Termination	AC734-SV*			

ACENTI COLORS

All Acenti devices are available in seven neutral designer colors. To order a color, add suffix indicated below to the catalog number:

Alabaster (-W), Natural (-A), Sand (-S), Quartz (-Q), Driftwood (-D), Slate (-G), Onyx (-E)

For QuickPort Snap-In Connectors:
Insert color designation where (*) is indicated.

Wallplates Only:

Polished Chrome (-PCH), Stainless Steel (-STS), 24k Gold (-24K)

DERATING/MAXIMUM CAPACITY

Acenti controls do not have side sections. In multi-gang installations, fin removal is not required but devices must be derated in accordance with the following charts.

ACI06 Incandescent (Minimum load: 40W)

Gang	Maximum Wattage
1	600W
2	600W
3 or more	500W

ACM06 Magnetic Low-Voltage (Minimum load: 40VA)

Gang	Maximum VA	Maximum Bulb Wattage with 75% efficient transformer
1	600VA	450W
2	600VA	450W
3 or more	500VA	375W

ACM10 Incandescent/Magnetic Low-Voltage (Minimum load: 40W/VA)

Gang	Incandescent Maximum Wattage	Magnetic Low-Voltage Maximum VA	Magnetic Low-Voltage Maximum Bulb Wattage with 80% efficient transformer
1	1000W	1000VA	800W
2	800W	800VA	640W
3 or more	650W	650VA	520W

ACE04 Electronic Low-Voltage

Gang	Maximum Wattage
1	400W
2	350W
3 or more	250W

ACE06 Electronic Low-Voltage

Gang	Maximum Wattage
1	600W
2	500W
3 or more	400W

ACX10 Mark 10™ Powerline or Tu-Wire™ Fluorescent

Gang	Maximum VA
1	1000VA
2	800VA
3 or more	650VA

ACH08 Hi-lume® or Eco-10™ (Eco-Series) Fluorescent Dimmer

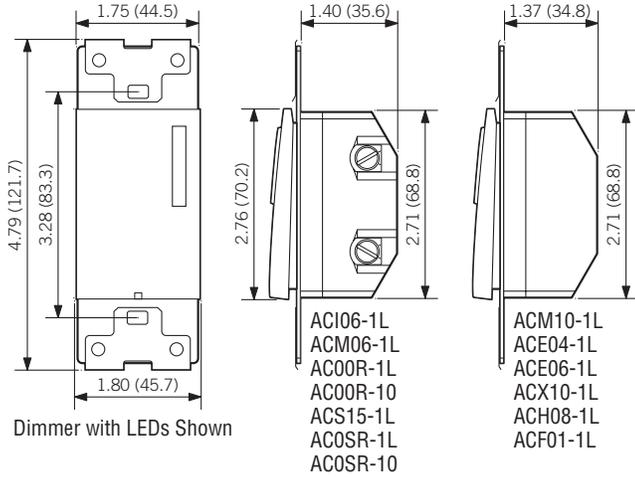
8A	No derating required
----	----------------------

ACF01 Quiet Fan Speed Control

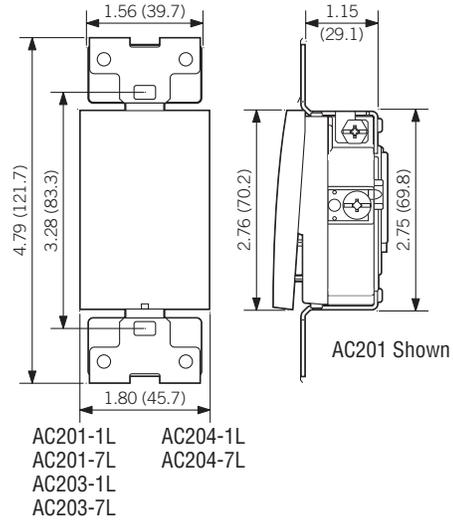
1.5A	No derating required
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DIMENSIONS

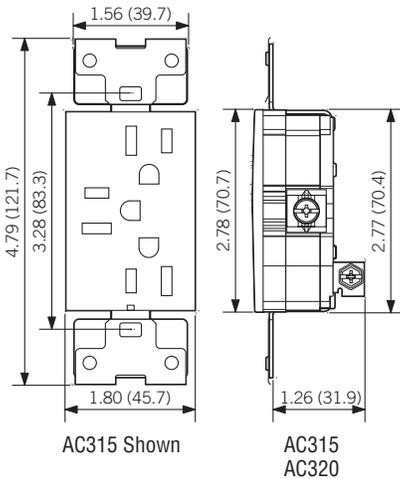
All Dimmers, Quiet Fan Speed Control, Electronic Switch, Matching and Coordinating Dimmer and Switch Remotes



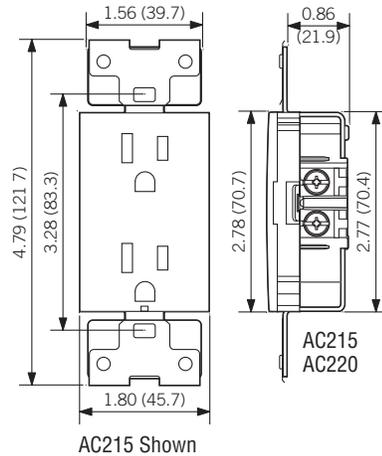
Electromechanical Switch



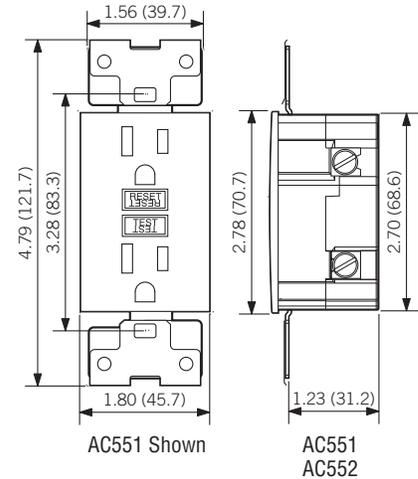
Triplex Receptacle



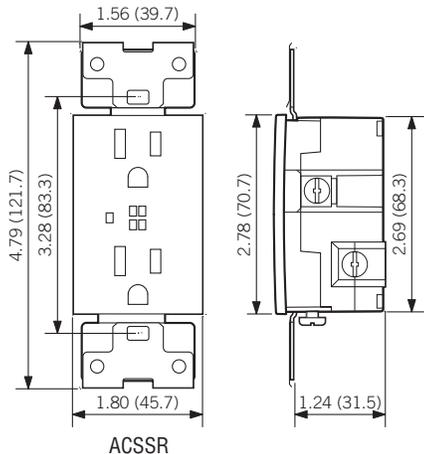
Duplex Receptacle



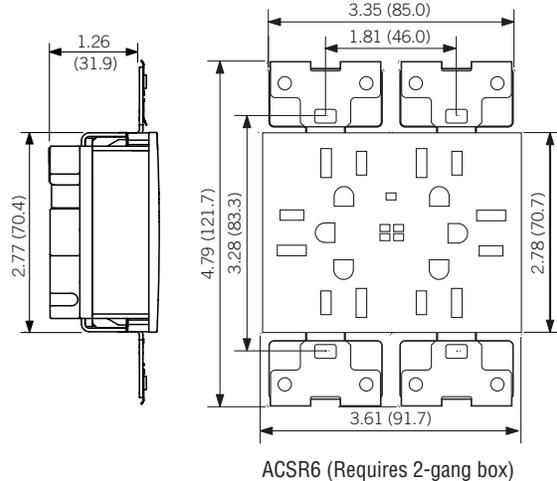
GFCI Receptacle



Duplex Surge Receptacle

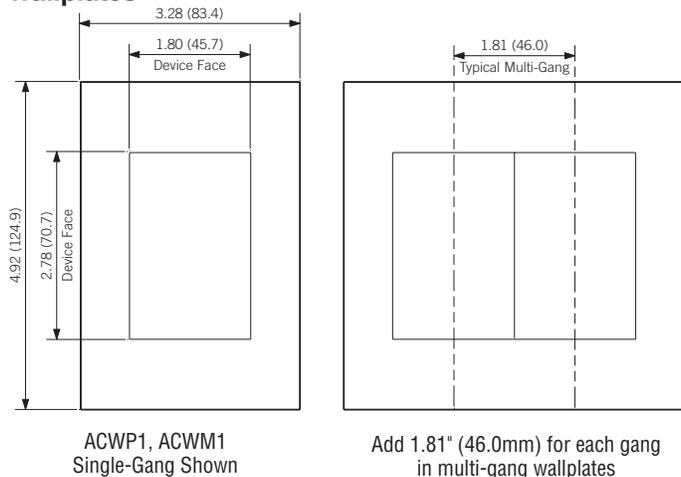


Sixplex Surge Receptacle

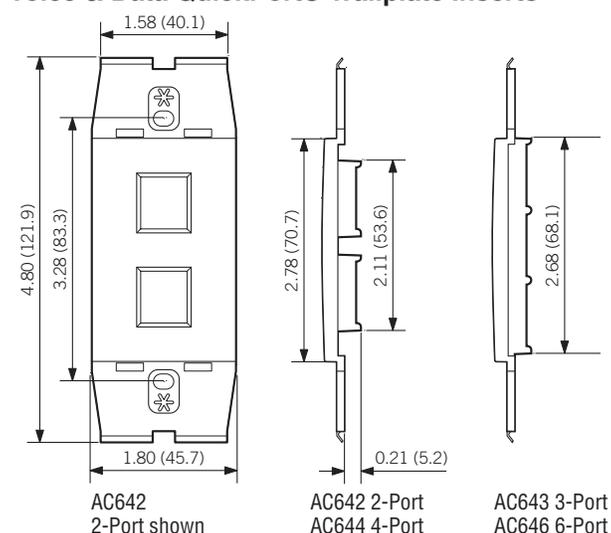


DIMENSIONS

Wallplates



Voice & Data QuickPort[®] Wallplate Inserts



WIRING DIAGRAMS

Diagram 1

Single-pole wiring for incandescent or magnetic low-voltage dimmer.

Cat. Nos.

ACI06
ACM06
ACM10

NOTES:

- 1) ACI06 and ACM06 have screw terminals, ACM10 has leads
- 2) Red and Black leads (or terminals) are interchangeable

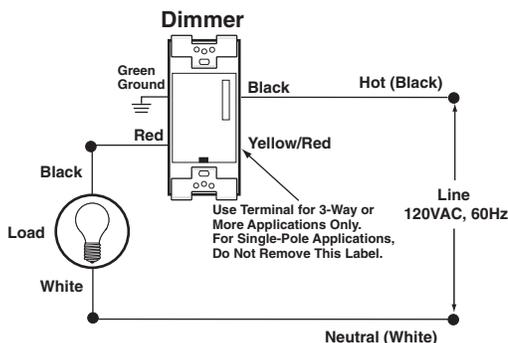


Diagram 2

Single-pole wiring for electronic low-voltage dimmer, Mark 10[™] Powerline dimmer, fan speed control or switch.

ELV, Mark 10 Powerline, Fan or Switch

Cat. Nos.

ACE04
ACE06
ACX10

NOTES:

- 1) ACS15 Switch has screw terminals
- 2) ACE04, ACE06, ACX10 and ACF01 have leads

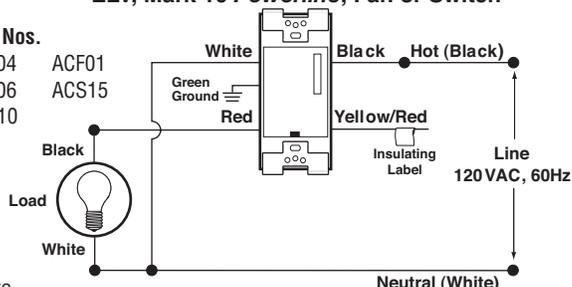
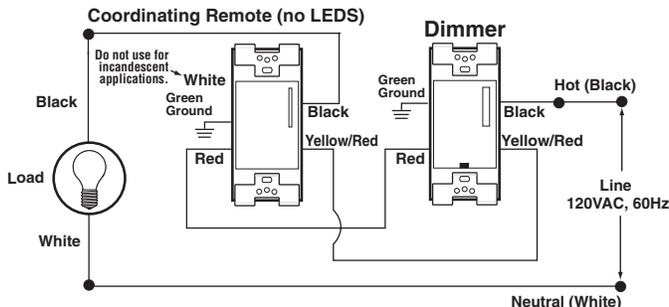


Diagram 3

3-Way wiring for incandescent or magnetic low-voltage dimmer with Coordinating Remote.



Cat. Nos.

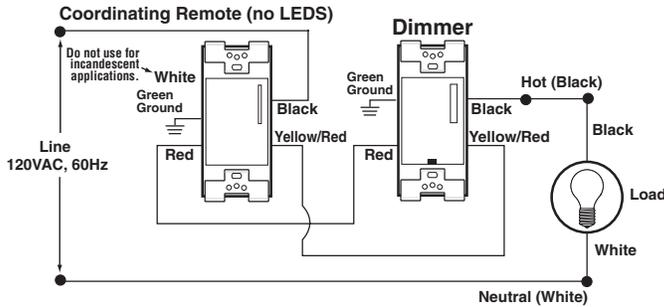
ACI06
ACM06
ACM10
Coordinating Remote
AC00R-10

NOTES:

- 1) ACI06 and ACM06 have screw terminals, ACM10 has leads
- 2) Coordinating Remote AC00R-10 has screw terminals
- 3) Black connections are interchangeable (see Diagram 4)
- 4) White terminal on Coordinating Remote is unused for incandescent applications

Diagram 4

Alternate 3-Way wiring for incandescent or magnetic low-voltage dimmer with Coordinating Remote.



Cat. Nos.

ACI06
ACM06
ACM10
Coordinating Remote
AC00R-10

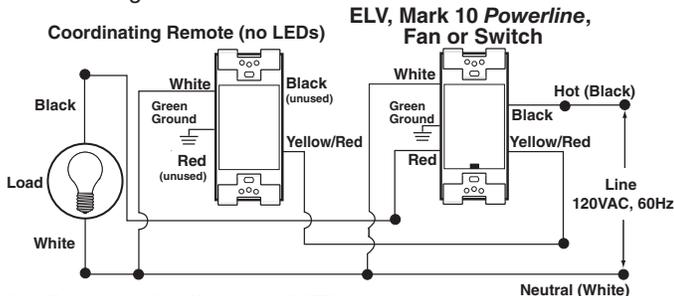
NOTES:

- 1) ACI06 and ACM06 have screw terminals, ACM10 has leads
- 2) Coordinating Remote AC00R-10 has screw terminals
- 3) Black connections are interchangeable (see Diagram 3)
- 4) White terminal on Coordinating Remote is unused for incandescent applications

WIRING DIAGRAMS

Diagram 5

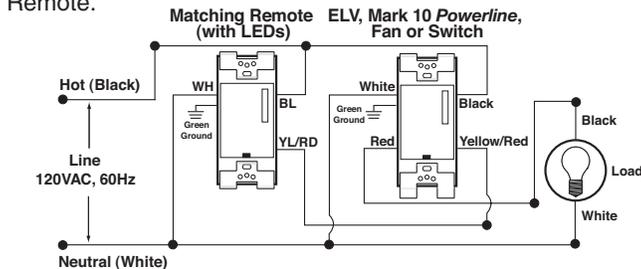
3-Way wiring for electronic low-voltage dimmer, Mark 10™ *Powerline* dimmer, fan speed control or switch with Coordinating Remote.



- | | | |
|----------------------------|----------------------------|--|
| Cat. Nos. | Cat. Nos. | NOTES: |
| ACS15 | ACE04 | 1) ACS15 Switch has screw terminals |
| Coordinating Remote | ACE06 | 2) ACE04, ACE06, ACX10 and ACF01 have leads |
| AC0SR-10 | ACX10 | 3) Coordinating Remotes AC0SR-10 and AC00R-10 have screw terminals |
| | ACF01 | 4) Black and Red terminals on Coordinating Remotes are unused |
| | Coordinating Remote | |
| | AC00R-10 | |

Diagram 7

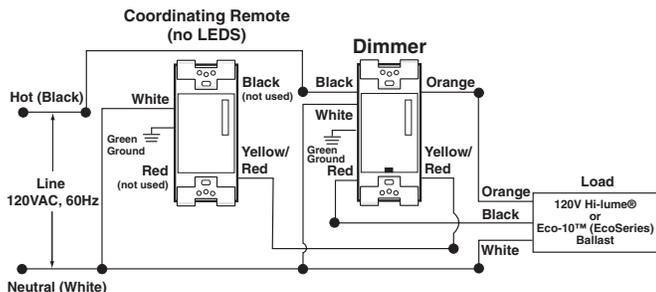
3-Way wiring for electronic low-voltage dimmer, Mark 10™ *Powerline* dimmer, fan speed control or switch with Matching Remote.



- | | | |
|------------------------|------------------------|--|
| Cat. Nos. | Cat. Nos. | NOTE: |
| ACS15 | ACE04 | 1) ACS15 Switch has screw terminals |
| Matching Remote | ACE06 | 2) ACE04, ACE06, ACX10 and ACF01 have leads |
| AC0SR-1L | ACX10 | 3) Matching Remotes AC0SR-1L and AC00R-1L have screw terminals |
| | ACF01 | |
| | Matching Remote | |
| | AC00R-1L | |

Diagram 9

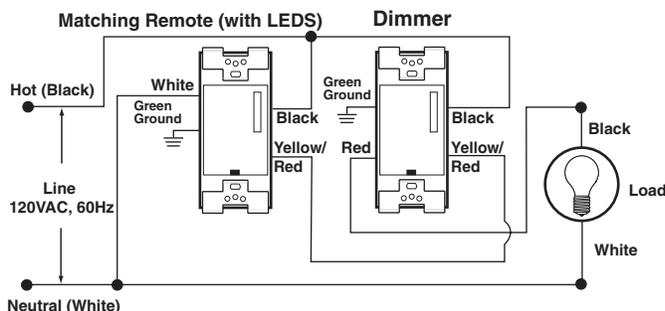
3-Way wiring for Hi-lume® fluorescent dimmer with Coordinating Remote.



- | | |
|----------------------------|--|
| Cat. Nos. | NOTES: |
| ACH08 | 1) ACH08 has leads |
| Coordinating Remote | 2) Coordinating Remote AC00R-10 has screw terminals |
| AC00R-10 | 3) Black and Red terminals on Coordinating Remote are unused |

Diagram 6

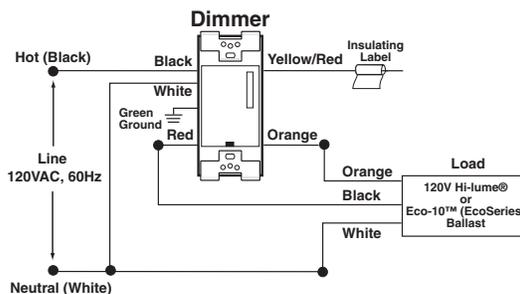
3-Way wiring for incandescent or magnetic low-voltage dimmer with Matching Remote.



- | | |
|------------------------|--|
| Cat. Nos. | NOTES: |
| ACI06 | 1) ACI06 and ACM06 have screw terminals, ACM10 has leads |
| ACM06 | 2) Matching Remote AC00R-1L has screw terminals |
| ACM10 | |
| Matching Remote | |
| AC00R-1L | |

Diagram 8

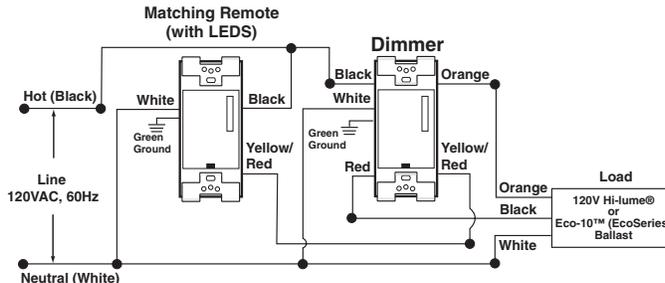
Single-pole wiring for Hi-lume® fluorescent dimmer



- | | |
|------------------|-----------------|
| Cat. Nos. | NOTE: |
| ACH08 | ACH08 has leads |

Diagram 10

3-Way wiring for Hi-lume® fluorescent dimmer with Matching Remote.



- | | |
|------------------------|---|
| Cat. Nos. | NOTES: |
| ACH08 | 1) ACH08 has leads |
| Matching Remote | 2) Matching Remote AC00R-1L has screw terminals |
| AC00R-1L | |

WIRING DIAGRAMS

Diagram 11

Single-pole wiring for 20A electromechanical switch

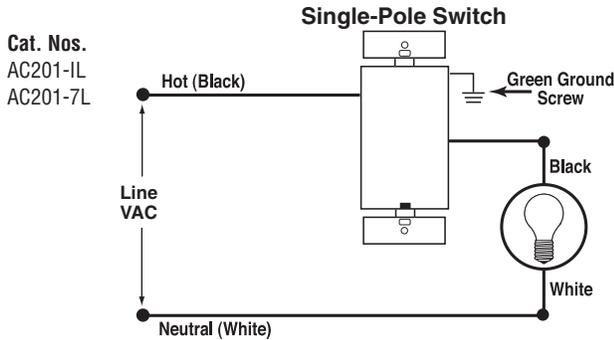


Diagram 12

3-Way wiring for 20A electromechanical switches

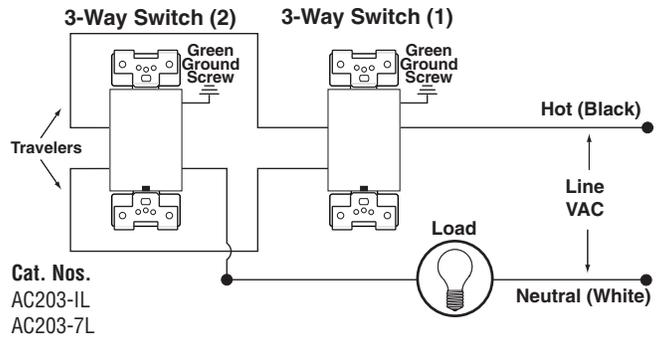
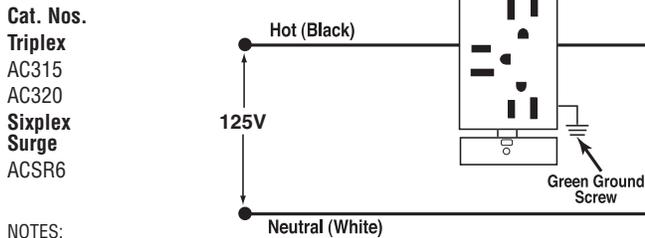


Diagram 13

Triplex Receptacle Wiring
Sixplex Surge Receptacle Wiring



NOTES:

- 1) AC315 and AC320 Triplex have screw terminals
- 2) ACSR6 Sixplex Surge has Black, White and Green leads

Diagram 14

4-Way wiring for 20A electromechanical switches

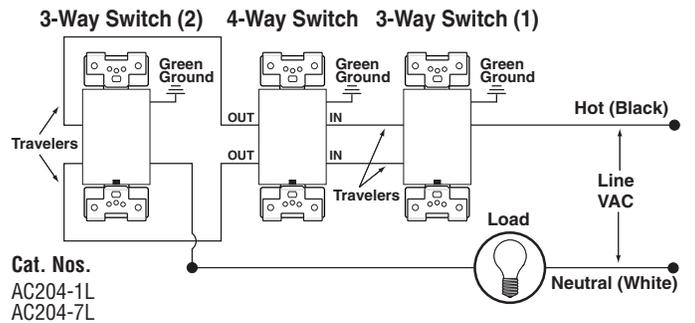


Diagram 15

GFCI Receptacle Wiring

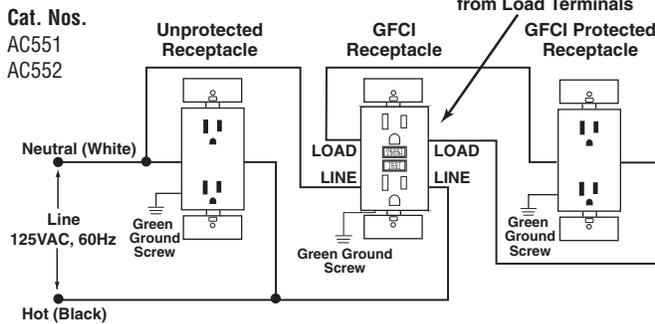
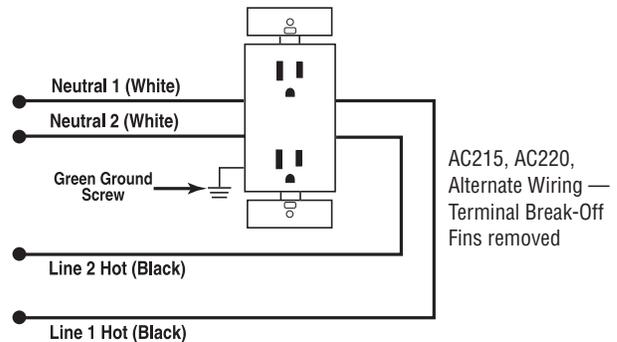
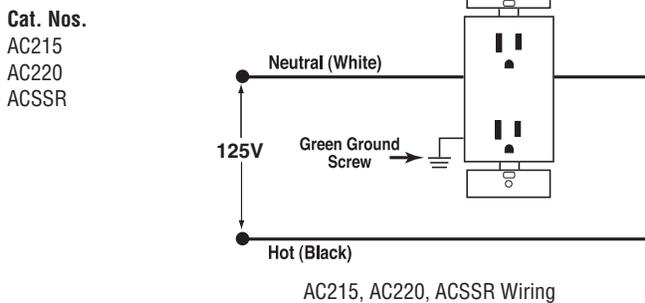


Diagram 16

Duplex Receptacle Wiring
Duplex Surge Receptacle Wiring



PART 1 — GENERAL

1.01 SUMMARY

- A. Section Includes: Acenti-style switches, dimmers, fan speed control (and corresponding remote units), receptacles, wallplates and related devices as specified herein for the areas indicated on the drawings, specifications, and load schedule
- B. Related Sections: Section 16570 (Dimming Controls), Section 16580 (Ballasts)

1.02 REFERENCES

A. Acenti Lighting Controls:

1. UL Standard 1472
2. CSA Standard C22.2 No. 184-M1988
3. IEC Level 4 Surge and Fast Transients
4. California Title 24
5. UL Standard 1472
6. FCC Part 15, Class B for Residential Compliance
7. MIL. STD 105 or ANSI Z1.4
8. UL Listed (File #E-31373)
9. CSA Certified (File #LR-3413)
10. NOM Certified (#057)

B. Acenti Switches:

1. UL 20
2. NEMA WD-1 & WD-6
3. CSA Standard C22.1 No. 111
4. UL Listed (File #E-7458)
5. CSA Certified (File #LR-152105)
6. NOM Certified (#057)

C. Acenti Receptacles

1. All Receptacles
 - a. NEMA WD-1 & WD-6
 - b. UL 498
 - c. CSA C22.2 No. 42
 - d. NOM Certified (#057)
2. Triplex and Duplex Receptacles
 - a. UL Listed (File #E-13399)
 - b. CSA Certified (File #LR-152105)
 - c. NOM Certified (#057)
3. Sixplex and Duplex Surge Protective Receptacles
 - a. UL Listed (File #E-13399)
 - b. CSA Certified (File #MC152105/LR-406)
 - c. NOM Certified (#057)
4. GFCI Receptacles
 - a. UL 943 Class A (File #E-48380)
 - b. CSA Certified (File #LR-57811)
 - c. NOM Certified (#057)

D. Wallplates

1. All wallplates
 - a. UL 514D (File #E-13397)
 - b. CSA C22-2 No. 42.1 (File #152105)
 - c. NEMA WD-1 & WD-6
 - d. NOM Certified (#057)

E. Voice & Data

1. QuickPort Wallplate Inserts
 - a. NEMA WD-1 & WD-6
 - b. UL 1863
 - c. CSA Certified
 - d. NOM Certified (#057)

1.03 SYSTEM DESCRIPTION

- A. Permanently installed, wallbox mounted switches, dimmers and corresponding remote units
- B. Permanently installed, wallbox mounted fan-speed control and corresponding remote units
- C. Permanently installed, wallbox mounted receptacles, including

- triplex, duplex, surge protective and GFCI
- D. Permanently installed, wallbox mounted voice, data and cable jacks
- E. Screwless, snap-on wallplates

1.04 SUBMITTALS

- A. Submit manufacturer's standard catalog data giving all product, application, wiring, and installation information on all basic components and wallplates. Provide test data and/or samples for finish, color and texture as required to demonstrate conformance with PART 2 of this specification.

1.05 QUALITY ASSURANCE

- A. Manufacturer shall have a minimum of 20 years continuous experience in the manufacture of wallbox-mounted dimming products.
- B. Dimmers, switches and fan-speed control shall be UL Listed and CSA approved specifically for each required load (tungsten, electronic low-voltage ballast, magnetic low-voltage ballast, Mark 10™ Powerline fluorescent, and Hi-lume® fluorescent). Manufacturer shall provide file card or certificate upon request. Universal load-type dimmers shall not be acceptable.
- C. Source Limitations: To assure compatibility, all dimming controls shall be obtained from a single source with complete responsibility over all lighting controls, including accessory products. The use of subcontracted component assemblers is not acceptable.
- D. Manufacturer shall be ISO 9001 certified and provide a copy of the certificate upon request.

1.06 WARRANTY

- A. Manufacturer's Warranty: All equipment shall be warranted free of defects in materials and workmanship.
1. Warranty Period: Five years from date of purchase
 2. Owner Rights: Manufacturer's warranty is in addition to, not a limitation of, other rights the Owner may have under contract documents.

PART 2 — PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Leviton Manufacturing Co., Inc.
- B. Unless otherwise noted, all basic components (dimmer, fan-speed control, switch and corresponding remote units; receptacle; voice, data and cable jack; and wallplates) shall be provided by one manufacturer.

2.02 EQUIPMENT

A. Leviton Acenti Lighting Controls

1. Performance

- a. Controls shall provide full-range, continuously variable control of light intensity.
- b. Dimmers requires 40W minimum load.
- c. Controls shall fit in the Acenti wallplate opening only. Controls shall be thin profile with no exposed heat sink/yoke and shall fit in a single-gang 18 cubic-inch wallbox. All controls shall have a matte finish.
- d. Controls shall provide a blue LED Locator light that shall illuminate when the lights are OFF to help users locate control in the dark.
- e. Controls shall provide a Dim/Bright bar that allows light level (or fan speed) to be set by the user. A five-step blue LED indicator shall be integrated in the Dim/Bright bar to show relative lighting level. Push Pad with return-to-neutral design shall provide preset ON/OFF control independent of Dim/Bright bar.
- f. Push Pad and Dim/Bright bar shall be ergonomically designed for precise tactile quality with distinct actuation confirmation.
- g. Controls shall provide a default setting where Push Pad preset ON switching returns lights to last selected level when lights were ON.
- h. Controls shall provide a Dim Lock feature that allows users to program a customized preset ON level. With Dim Lock

active, lights shall switch ON to selected preset level regardless of last established light level (Default setting is with Dim Lock OFF; it shall be activated by user if desired).

- i. Controls shall provide a selectable fade rate for ON and OFF switching. Default setting shall be 1.5 seconds for ON and 3.0 seconds for OFF.
- j. Controls shall provide a 10 second delay-OFF from ON when Push Pad is pressed and held.
- k. Controls shall provide switching from OFF to maximum brightness when Push Pad is pressed and held.
- l. Controls shall provide the ability to change the selected brightness level by pressing the Dim/Bright bar while the lights are OFF. LED display shall show selected level and lights shall not be turned ON.
- m. Controls shall provide intuitive “house guest” feature allowing lights to be dimmed to OFF by pressing and holding the Dim/Bright bar. Preset level shall not be changed.
- n. Controls shall provide an adjustable minimum brightness setting to accommodate lighting loads with a minimum turn-on voltage.
- o. Programmable settings for Dim Lock preset level, minimum brightness level and fade rate shall not require tools or wallplate removal.
- p. Controls shall provide single-pole, 3-way, or multi-location control with choice of remote dimmers.
- q. Matching Remote AC00R-1L shall provide blue LED Locator and LED Brightness display and shall provide 3-way or up to 5 location control. Matching Remote shall require neutral connection.
- r. Coordinating Remote AC00R-10 shall provide 3-way or up to 10 location control. Coordinating Remote shall require neutral connection in specific applications.
- s. Controls shall provide air gap switch to totally disconnect power from load during OFF condition. Air gap switch shall be concealed during normal operation and shall be accessible without removing wallplate.
- t. Within rated capacity, dimmers shall be available for direct control of incandescent, electronic low-voltage, magnetic low-voltage, Mark 10™ *Powerline* fluorescent, and Hi-lume® or Eco-10™ (Eco-Series) fluorescent. Matching fan-speed control and switches shall also be available.
- u. Controls shall not require the removal of fins in multi-gang installations. Controls shall be derated in multi-gang installations in accordance with manufacturer's specifications.
- v. All Controls shall have a clear polycarbonate base.
- w. Controls shall provide transient surge protection to IEC Level 4.
- x. Controls shall provide ESD protection to IEC 1000 4-2 Level 4 to protect against damage and memory loss due to static discharges.
- y. Dimmers shall provide RFI filtering for radio, audio, and video equipment.
- z. Controls shall incorporate power-failure memory. Should power be interrupted and subsequently returned, the lights or fans will come back on to the same levels set prior to the power interruption.
- aa. Controls shall operate in an ambient temperature range of 0°C (32°F) to 55°C (131°F).

2. Incandescent Dimmers

- a. Dimmers shall have a maximum output of no less than 95% of line voltage.
- b. AC106 shall provide 4 terminal screws for Line, Load, Remote and Ground.
- c. ACM10 rated for 1000W incandescent shall provide 4 wire leads for Line, Load, Remote and Ground.

3. Electronic Low-Voltage (ELV) Dimmers

- a. Dimmers shall contain circuitry specifically designed to control the input of electronic (solid state) low-voltage

transformers. Dimmers using standard phase control shall not be acceptable.

- b. ACE04 (400W) and ACE06 (600W) dimmers shall have a resettable overload protection that automatically shuts off when dimmer capacity is exceeded.
- c. Dimmers shall provide 5 wire leads for Line, Load, Neutral, Remote and Ground.

4. Magnetic Low-Voltage (MLV) Dimmer

- a. ACM10 shall provide direct control of up to 1000VA of 120V magnetic low-voltage load.
- b. Dimmer shall contain circuitry specifically designed to control and provide a symmetrical AC waveform to the input of magnetic low voltage transformers per UL 1472 section 5.11.
- c. Dimmer shall not cause a magnetic low voltage transformer to operate above the transformers rated operating current or temperature.
- d. Dimmers shall have a maximum output of no less than 95% of line voltage.
- e. Dimmer shall provide 4 wire leads for Line, Load, Remote and Ground.

5. Fluorescent Dimmers

- a. Fluorescent dimmers shall provide direct control of fluorescent dimming ballasts up to the manufacturer's specified rating.
- b. ACX10 shall be rated 1000VA to control Mark 10™ *Powerline* or Tu-Wire™ ballasts and provides 5 wire leads for Line, Load, Neutral, Remote and Ground.
- c. ACH08 shall be rated 8A to control Hi-lume® or Eco-10™ (Eco-Series) ballasts and provides 6 wire leads for Line, Load, Neutral, Signal, Remote and Ground.

6. Fan-Speed Control

- a. ACF01 Quiet Fan-Speed Control shall be rated 1.5A and provide Low-Medium-High speed settings plus OFF.
- b. ACF01 shall provide microprocessor-controlled “kick-start” to allow fan to go directly from OFF to any speed setting.
- c. ACF01 shall provide 5 wire leads for Line, Load, Neutral, Remote and Ground.

7. Switches

- a. All switches shall be completely compatible with Acenti lighting controls and provide ON/OFF Push Pad ergonomically designed for precise tactile quality with distinct actuation confirmation.
- b. All switches shall provide a blue LED locator light that shall illuminate when the lights are OFF to help users locate control in the dark.
- c. ACS15 electronic switch shall be rated 15A 120V AC and provide 5 screw terminals for Line, Load, Neutral, Remote and Ground.
- d. ACS15 electronic switch shall provide single-pole, 3-way, or multi-location control with choice of remote dimmers.
- e. Matching Remote Switch AC0SR-1L shall provide blue LED locator and shall provide 3-way or up to 5 location control. Matching Remote shall require neutral connection.
- f. Coordinating Remote Switch AC0SR-10 shall provide 3-way or up to 10 location control. Coordinating Remote shall require neutral connection.
- g. AC201 electromechanical switch shall be single-pole only with 3 screw terminals for Line, Load and Ground. AC201-1L shall be rated 20A-120V AC, AC201-7L shall be rated 20A-277V AC.
- h. AC203 electromechanical switch shall provide 3-way switching with 4 screw terminals: (1) Black common, (2) Brass travelers, (1) Green ground. AC203-1L shall be rated 20A-120V AC, AC203-7L shall be rated 20A-277V AC.
- i. AC204 electromechanical switch shall provide 4-way switching with 5 screw terminals: (2) Black IN, (2) Brass OUT, (1) Green ground. AC204-1L shall be rated 20A-120V AC, AC204-7L shall be rated 20A-277V AC.

B. Acenti Receptacles

1. All Leviton Acenti Receptacles shall be designed to perfectly coordinate with Leviton Acenti Switches and Lighting Controls.
2. Acenti Triplex Receptacle shall provide unique space-saving convenience by accepting three grounding plugs. AC315 Triplex shall be rated 15A-125V (NEMA 5-15R), AC320 Triplex rated 20A-125V (NEMA 5-20R).
3. Acenti Triplex Receptacles shall fit into standard size single-gang wallbox.
4. Acenti Duplex Receptacles shall also be available.
5. ACSSR Duplex Surge Receptacle and ACSR6 Sixplex Surge Receptacle (15A-125V NEMA 5-15R) shall provide point-of-use surge protection for sensitive electronic equipment.
 - a. Blue monitor/indicator light shall coordinate with all Acenti blue LEDs and provide surge protection status at a glance.
 - b. Audible tone alert shall sound if surge protection is lost.
 - c. Duplex Surge Receptacle shall provide eight back-wire holes (two for each line and load connection) and ground terminal for easy installation.
 - d. All Surge Receptacles shall provide UL 1449 clamping level of 400V peak for all modes and a maximum single-pulse surge current rating of 26kA (Line-Neutral) and 13kA for (Line-Ground) and (Neutral-Ground).
 - e. ACSR6 Sixplex Surge Receptacle shall provide 3 wire leads: (1) Black (Hot), (1) White (Neutral) and (1) Green (Ground).
 - f. ACSR6 Sixplex Surge Receptacle shall fit into standard size 2-gang wallbox.
6. AC551 (15A) and AC552 (20A) Acenti GFCI Receptacles shall provide advanced ground fault protection with patented lockout-action
 - a. GFCI RESET action shall be blocked if ground fault protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing protection when it is not.
 - b. GFCI shall provide eight back-wire holes (two for each line and load connection) and one back-wire ground terminal for easy installation.
 - c. All GFCIs shall conform to UL 943 Class A GFCI requirements for trip time and resistance to electrical surges and over-voltages.
7. Acenti QuickPort® Wallplate Inserts shall provide multimedia connections.
 - a. Inserts shall allow use of Leviton snap-in QuickPort connectors for data, audio and video connections.
 - b. Inserts shall be available in 2-, 3-, 4- and 6-port configurations.
 - c. Leviton QuickPort connectors shall be FCC Part 68 compliant and designed for mating with 4- or 6-conductor phone jacks, Cat 5 rated jacks, coax connectors and other types of multimedia connections.

C. Acenti Wallplates

1. Plastic wallplates shall be manufactured from engineering-grade polymer to provide matte finish and color consistency with all Acenti devices.
2. Wallplates shall be screwless, snap-on design that completes the distinct geometry of the Acenti installation.
3. Multi-gang wallplate design shall provide no dividers between devices
4. All Acenti wallplates shall include a steel alignment plate that uses locating pins to form a "positioning nest" for the Acenti device.
5. Wallplates shall be available with metal finishes, including stainless steel, polished chrome and 24k gold, to complement designer-style appliances and fixtures.

D. Standard Features

1. Acenti devices shall feature multi-function self-grounding clip
2. Mounting clips shall grip alignment pins to ensure precise wallplate/device alignment.

3. Mounting clips shall provide self-grounding for Acenti device when used with a properly grounded metal wallbox.
4. Mounting clips shall have contoured legs to provide superior holding power for all Acenti screwless, snap-on wallplates.
5. Mounting clips shall be attached to device mounting strap using TOX® fastening system. Fastening with conventional spot-welding or riveting is not acceptable.

2.03 SOURCE QUALITY CONTROL

- A. All dimming controls shall be 100% function tested at the time of manufacture. Statistical sampling plan shall not be acceptable.

PART 3 — EXECUTION

3.01 INSTALLATION

- A. Contractor shall furnish all devices (dimmers, switches, receptacles & wallplate kits), labor and other services necessary for the proper installation of the devices as indicated on the drawings and specified herein.
- B. Contractor shall be responsible for derating lighting control capacity in multi-gang installations.
- C. Devices shall be installed utilizing manufacturer's recommended application, wiring and installation instructions.
- D. Contractor shall provide wallplate covers with no dividers between devices per specification 2.02 for all devices ganged in a common wallbox. Contractors shall provide barriers within the wallbox where required by code.

3.02 FIELD QUALITY CONTROL

- A. Leviton technical hotline available 8:30AM–7:30PM E.S.T. Monday–Friday: 1-888-4-ACENTI
- B. Supplemental information shall be provided by Leviton's website at www.leviton.com/acenti

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