#### Table 2

		Ballast	Model								
P&S Cat. #	Voltage	Manufacturer	1%	– Hi-lume, Hi-lume	3D	5% – Coi	mpact SE		10% - Eco-10		
CD3FB16 CD3FB163P	120VAC 60 HZ	Lutron	HL3-T426-120-1-S HL3-T432-120-1-S FDB-T524-120-1 FDB-T524-120-2 FDB-T539-120-2 FDB-T539-120-2 FDB-T554-120-1 FDB-T554-120-1 FDB-2427-120-1	FDB-2427-120-2	FDB-6027-120-2 FDB-7280-120-1 FDB-8480-120-1 FDB-9680-120-1 H3DT832CUNV110 H3DT832CUNV2117 H3DT832CUNV217	FDB-T418-120-1-S	FDB-T442-120-1-S FDB-T442-120-2-S FDB-1643-120-1 FDB-1643-120-2 FDB-1643-120-3 FDB-2227-120-1 FDB-2227-120-2 FDB-2227-120-3 FDB-2243-120-1		ECO-T554-120-1 ECO-T554-120-2 ECO-T539-120-1 ECO-T539-120-2 ECO-T539-120-3 ECO-T540-120-1 ECO-T540-120-2 ECO-T540-120-3 ECO-T550-120-1 ECO-T550-120-1	ECO-T817-120-1 ECO-T817-120-2 ECO-T817-120-3 ECO-T825-120-1 ECO-T825-120-1 ECO-T832-120-1-L ECO-T832-120-1-T ECO-T832-120-2-L ECO-T832-120-2-T ECO-T832-120-3	
CD3FB10-277 CD3FB103P -277	277VAC 60 HZ	Lutron	HL3-T426-277-1-S HL3-T432-277-1-S FDB-T524-277-1 FDB-T524-277-2 FDB-T539-277-1 FDB-T539-277-2 FDB-T554-277-1 FDB-T554-277-2		FDB-4827-277-3 FDB-6027-277-1 FDB-6027-277-2 H3DT832CUNV110 H3DT832CUNV210 H3DT832CUNV210	FDB-T418-277-1-S FDB-T418-277-2-S FDB-T426-277-1-S FDB-T426-277-2-S FDB-T418-277-2-S FDB-T418-277-2-S FDB-T426-277-1-S FDB-T426-277-1-S FDB-T432-277-1-S	FDB-T442-277-2-S FDB-1643-277-1 FDB-1643-277-2 FDB-1643-277-3 FDB-2227-277-1 FDB-2227-277-2 FDB-2227-277-3 FDB-2243-277-1	E3-T514C-277-1 E3-T514C-277-2 E3-T521C-277-1 E3-T521C-277-1 EC0-T528-277-1 EC0-T524-277-1 EC0-T524-277-2 EC0-T54-277-1 EC0-T5H39-277-1 EC0-T554-277-1 EC0-T554-277-1 EC0-T554-277-1	ECO-T539-277-1 ECO-T539-277-2 ECO-T539-277-3 ECO-T540-277-1 ECO-T540-277-2 ECO-T540-277-1 ECO-T550-277-1 ECO-T550-277-2 ECO-T817-277-1 ECO-T817-277-2 ECO-T817-277-3	ECO-T825-277-1 ECO-T825-277-2 E3-T832C-277-1 ECO-T832-277-1-L ECO-T832-277-1-T ECO-T832-277-1 E3-T832C-277-2 ECO-T832-277-2-L ECO-T832-277-2-T ECO-T832-277-2 ECO-T832-277-3	

## WALL PLATE LABELING SYSTEM (for use with wall plate that contains label holding slot)

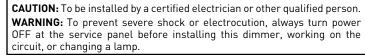
Slide label in either end

IN MISERT LAND HERE!

These dimmer wall plates contain a label holding slot. A 0.33" x 1.5" label can be placed in this label holding slot. These labels can be printed from an Avery® standard template: Divider tab inserts 8-Tabs or equivalent.

Install the label with the following procedure:

- 1. Disconnect power to the circuit by removing fuse or turning circuit breakers OFF.
- 2. Remove the wall plate by placing a small flat head screwdriver into one of the four slots located at the top and bottom of the wall plate. Gently twist a half turn until the plate pops off.
- 3. Slide the label in from the back side of the wall plate (as shown at right).



#### WIRING INFORMATION

**IMPORTANT NOTES** Read the following before installation:

Requirements for wire strip length and wire connections.

#### Table 4 - WIRE NUT USAGE CHART

Wire Combinations	Strip Lengths	Color
1#14 & 1#16; 1#14 & 2#18; 2,3#16; 1#16 & 1-3#18; 3-5#18; 2#18	1/2" Except 9/16" For #16 & #18 AWG	Orange
1#10 & 1#14; 1#12 & 1#14 2, 3#14; 2#14 & 1,2#16; 2#14 & 2,3#18; 1#14 & 1-4#16; 1#14 & 1-4#18	1/2" Except 5/8" For #16 AWG	Yellow
1#10 & 1,2#12; 1#10 & 1-3#14; 2,3#12; 1#12 & 1-3#14; 1#12 & 3#16; 3,4#14	7/16" Except 1/2" For #16	Red
1#14 & 1,2#16; 1#14 & 1,2#16; 2,3#16; 2-5#18v	7/16" For #14 & #16 1/2" For #18	lvory
Use Only Copper Wire With This Device.		

- Use a separate neutral wire for each phase of a multiphase system containing a dimmer, and for high power single phase applications where flickering is present.
  All dimmers can be damaged by improper wiring. Check for short circuits
- prior to installing the dimmer.

  Procedure for short circuit check:
- Disconnect power to the circuit by removing fuse or turning circuit breakers OFF.

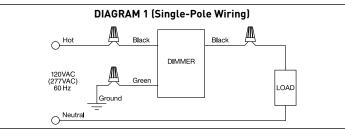
- b. Install a switch instead of the dimmer. Turn the switch to the "on"
- c. Turn power ON. If the circuit breaker trips, a short is present. If the light fails to turn ON and OFF with the switch, the wiring may be incorrect.d. Correct wiring, if necessary and retest.
- e. Install the dimmer only after the light operates properly with the switch.
- Protect from dirt and dust. The dimmer can be damaged from contaminates encountered during the construction process. If lighting is required prior to the construction process completion, then a switch should be temporarily installed in place of the dimmer. The dimmer should not be installed until the construction process is complete.
- Any dimmer damaged by improper installation is not covered under warranty.
- It is normal for the dimmer to feel warm during operation.
- Cleaning Instructions: Wipe dimmer with a damp, clean cloth.
   DO NOT clean the dimmer with chemicals or cleaning solutions.

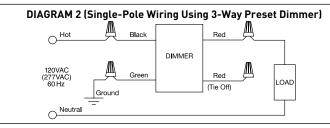
#### WIRING DIAGRAMS

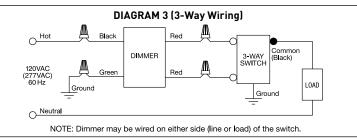
#### Table 5

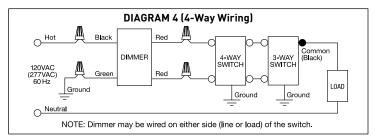
BALLROOM A

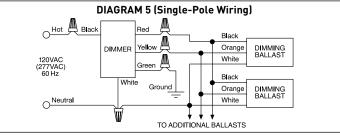
Dimmer Catalog #	Diagram #
CD700, CD1100, CDLV700, CDLV1100, CD1600, CDLV1600, CD2000, CDFB5, CDFB8, CDFB10, CDFB16, CDFB7-277, CDFB10-277, CDDH16, CDSC6, CDSC12	1
For Single Pole Installation of: CD703P, CD1103P, CDLV703P, CDLV1103P, CD1603P, CDLV1603P, CD2003P, CDFB53P, CDFB83P, CDFB103P, CDFB163P, CDFB73P-277, CDFB103P-277	2
For 3-Way Installation of: CD703P, CD1103P, CDLV703P, CDLV1103P, CD1603P, CDLV1603P, CD2003P, CDFB53P, CDFB83P, CDFB103P, CDFB163P, CDFB73P-277, CDFB103P-277	3
For 4-Way Installation of: CD703P, CD1103P, CDLV703P, CDLV1103P, CD1603P, CDLV1603P, CD2003P, CDFB53P, CDFB83P, CDFB103P, CDFB163P, CDFB73P-277, CDFB103P-277	4
CD3FB16, CD3FB10-277	5
For Single Pole Installation of: CD3FB163P, CD3FB103P-277	6
For 3-Way Installation of: CD3FB163P, CD3FB103P-277	7
For Single Pole Installation of: CD4FB3P	8
For 3-Way Installation of: CD4FB3P	9
For Single Pole Installation of: CD4FB	10
For Dimming Only (No On/Off Control) of: CD4FB, CD4FB3P	11
For Single Pole Installation of: CD4FBL	12
For 3-Way Installation of: CD4FB3LP	13

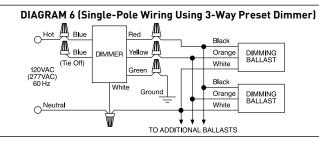


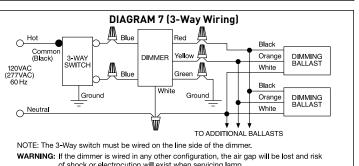


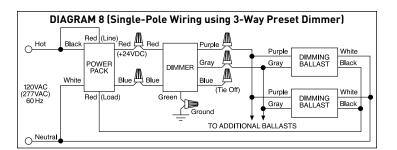


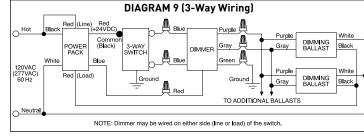


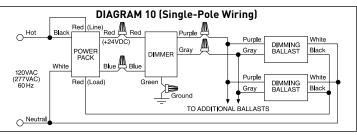


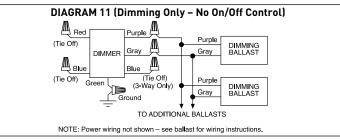


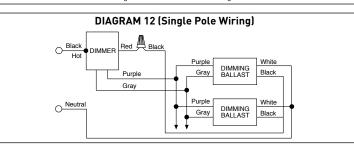


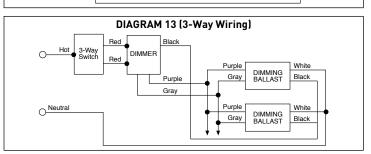












#### SINGLE GANG INSTALLATION INSTRUCTIONS

- Disconnect power to circuit by removing fuse or turn circuit breakers OFF before installing.
   For existing installations: Remove wall plate and switch
- mounting screws, pull existing switch from wall box. For new installations: Install a 1-gang wall-box.

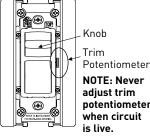
  2. Discorporat existing switch from girsuit 2-way installation.
- 3. Disconnect existing switch from circuit. **3-way installation:** Identify the "COMMON" wire (wire connected to the terminal marked common or odd colored terminal). For "new" installation identify wire connected to power source or to the load.

- 4. Connect dimmer as shown in the wire diagram with appropriate sized wire connectors (see Table 5).
- 5. Install dimmer in wall box, with the word "TOP" up, using mounting screws provided.
- 6. Insert the label, attach the wall plate and restore power to the circuit.
- 7. Dimmer Set-up Adjustments:
- a. Incandescent Dimmer: The Full ON voltage can be reduced to save energy by reducing the Full ON light level. To change the Full ON light level, slide the dimmer knob up to its full brightness. DISCONNECT POWER FROM CIRCUIT, and remove the wall plate. Use a small insulated, screwdriver to adjust the trim potentiometer. Turn down to decrease the Full ON light level.
- b. Magnetic Low Voltage Dimmer: The minimum light level may need adjustment for variations in low voltage transformers. To change the minimum light level, slide the dimmer knob down to the lowest brightness. DISCONNECT POWER FROM CIRCUIT, and remove the wall plate. Use a small insulated, screwdriver to adjust the trim potentiometer. Turn down to decrease the minimum light level.
- c. Fan Speed Controls: The minimum fan speed level may need adjustment for variations in fans. To change the minimum fan speed, slide the knob down to the lowest level. DISCONNECT POWER FROM CIRCUIT, and remove the wall plate. Use a small insulated, screwdriver to adjust the trim potentiometer. Turn down to decrease the fan speed. Make certain that the fan does not "stall" in any of the ON positions as overheating of the fan may occur. DO NOT USE THE FAN PULL CHAIN TO CHANGE SPEEDS AFTER THIS CONTROL IS INSTALLED. THE FAN PULL CHAIN NEEDS TO REMAIN AT THE MAXIMUM SPEED.
- d. Dehummer Fan Speed Controls: No adjustments required. Make certain that the fan does not "stall" in any of the ON positions as overheating of

the fan may occur. DO NOT USE THE FAN PULL TO CHANGE SPEEDS AFTER THIS CONTROL IS INSTALLED. THE FAN PULL CHAIN NEEDS TO REMAIN AT THE MAXIMUM SPEED.

e. Fluorescent Dimmers "CDFB"

Series: The minimum light level may need adjustment for variations in ballasts. To change the minimum light level, slide the dimmer knob down to the lowest brightness. DISCONNECT POWER FROM CIRCUIT, and remove the wall plate. Use a small insulated, screwdriver to adjust the trim potentiometer. Turn up to increase the minimum light



- f. Fluorescent Dimmers "CD3FB" Series: No adjustments are required.

  The minimum light level is calibrated at the factory and does not normally require adjustment. If the lamps drop out or flicker at the minimum dimming level, there may be an installation error.
- g. Fluorescent Dimmers "CD4FB" Series: The maximum light level may need adjustment for variations in ballasts. To change the maximum light level, slide the dimmer knob up to its full brightness. DISCONNECT POWER FROM CIRCUIT, and remove the wall plate. Use a small insulated, screwdriver to adjust the trim potentiometer. Turn up to increase the light level and down to decrease the light level.

**NOTE:** To ensure full lamp life and proper dimming performance, it is recommended to "season" fluorescent lamps prior to dimming. This is accomplished by operating the lamps at maximum light levels for up to 100 hours. Refer to individual lamp manufacturer for recommended seasoning times.

#### **MULTIPLE GANGING OF DIMMERS**

Any combination of dimmer models may be ganged together. Using a vise or heavy-duty pliers, remove the fins on either or both sides of the heat sink, as necessary. Dimmers can be ganged without removing fins by proper selection and placement of outlet boxes *[see Table 7 and Table 8]*. When Dimmers are ganged, De-rate the maximum load according to the following De-Rating Table 6:

#### Table 6 - Derating for Multi-Gang Installations

			Fins are N	OT Removed	Fins are	Removed			
	Dimmer Catalog #	1-Gang Installation	2-Gang Installation	3- or more Gang Installation	2-Gang Installation	3- or more Gang Installation			
	CD700	700W	700W	700W	700W	700W			
	CDLV700	700VA	700VA	700VA	700VA	700VA			
	CD703P	700W	700W	700W	700W	700W			
	CDLV703P	700VA	700VA	700VA	700VA	700VA			
	CD1100	1100W	1100W	1000W	1000W	900W			
Narrow	CDLV1100	1100VA	1100VA	1000VA	1000VA	850VA			
Dimmers	CD1103P	1100W	1100W	1000W	1000W	950W			
	CDLV1103P	1100VA	1100VA	1000VA	1000VA	850VA			
	CDFB5	5A	5A	5A	5A	5A			
	CDFB8	A8	8A	8A	7.7A	6.3A			
	CDFB53P	5A	5A	5A	5A	5A			
	CDFB83P	8A	8A	8A	7.7A	6.3A			
	CDSC6	6A	6A	6A	6A	6A			
	CDDH16	1.6A	1.6A	1.6A	1.6A	1.6A			
	CD3FB16	16A	16A	16A	16A	16A			
	CD3FB163P	16A	16A	16A	16A	16A			
	CD3FB10-277	10A	10A	10A	10A	10A			
	CD3FB103P-277	10A	10A	10A	10A	10A			
	CD4FB								
	CD4FB3P	DO NOT EXCEED 60 BALLASTS							
	CD4FBL		חט אוכ	1200\/A					
	CD4FB3LP	DO NOT EXCEED 30 BALLASTS; 1200VA							
	CD1600	1600W	1600W	1600W	1600W	1550W			
	CDLV1600	1600VA	1600VA	1600VA	1600VA	1550VA			
	CD1603P	1600W	1600W	1600W	1600W	1550W			
	CDLV1603P	1600VA	1600VA	1600VA	1600VA	1550VA			
	CD2000	2000W	2000W	2000W	NO FINC T	O DEMOVE			
	CD2003P	2000W	2000W 2000W		NU FINS I	O REMOVE			
Wide	CDFB10	10A	10A	10A	10A	10A			
Dimmers	CDFB16	16A	16A	16A	NO FINS T	O REMOVE			
	CDFB7-277	7A	7A	7A	7A	7A			
	CDFB10-277	10A	10A	10A	10A	10A			
	CDSC12	12A	12A	12A	12A	12A			
	CDFB103P	10A	10A	10A	10A	10A			
	CDFB163P	16A	16A	16A	NO FINS TO REMOVE				
	CDFB73P-277	7A	7A	7A	7A	7A			
	CDFB103P-277	10A	10A	10A	10A	10A			

3

### MULTI GANG INSTALLATION INSTRUCTIONS FINS ARE NOT REMOVED

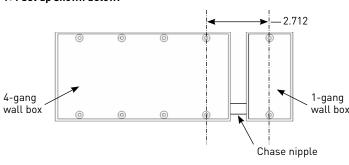
1. Select the correct box size from Table 7.

Table 7 - Wall-box Gang Requirements - FINS are NOT REMOVED

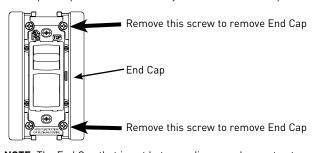
		Narrow Dimmers							
		0	1	2	3	4	5	6	
Wide Dimmers	0	0	1	1+1*	4	4+1*	7	7+1*	
	1	1	3	5	6	8	9	11	
	2	4	5	7	8	10	11	13	
	3	6	8	9	11	12	14	15	
	4	9	10	12	13	15	16	-	
	5	11	13	14	16	ı	i	-	
	6	14	15	-	i	ı	i		

\*Wall Box Requirements for Ganging an Even Number of Narrow Dimmers.

#### 4+1 set up shown below:

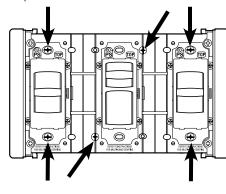


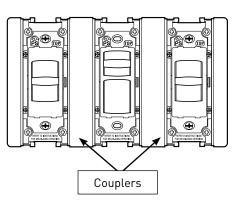
2. Remove the End Cap between adjacent dimmers (2 screws for each End Cap). Keep these screws as they will be needed at step #5.



**NOTE:** The End Cap that is not between dimmers does not get removed.

- 3. Connect the dimmer as shown in the wiring diagram using the appropriate sized wire connectors.
- 4. With the word "TOP" up, install dimmer in the wall box using mounting screws provided (leave mounting screws "finger tight" at this point).
- 5. Attach the Couplers between the Dimmers with the screws that were removed in step 2.

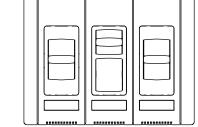




- 6. Tighten the mounting screws, insert the label, attach the wall plate, and restore power to the circuit.
- 7. Calibrate the Dimmer if necessary Refer to Single Gang Installation Instructions, step #7.

# MULTI GANG INSTALLATION INSTRUCTIONS FINS ARE REMOVED

**NOTE:** A 3 gang Installation of Narrow Dimmers is shown and described below. Any Combination of Wide and Narrow Dimmers will gang the same way.



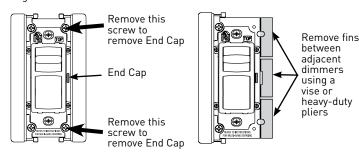
1. Select the correct box size from Table 8.

Table 8 - Wall-box Gang Requirements - FINS are REMOVED

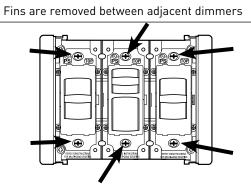
		Narrow Dimmers							
		0	1	2	3	4	5	6	
	0	0	1	2	3	4	5	6	
rs	1	1	3	4	5	6	7	8	
Dimmers	2	3	4	5	6	7	8	9	
Dim	3	5	6	7	8	9	10	11	
Wide	4	7	8	9	10	11	12	13	
≶	5	9	10	11	12	13	14	15	
	6	11	12	13	14	15	16	17	

Remove the End Cap and break the fins between adjacent dimmers (2 screws for each End Cap). Keep these screws as they will be needed at step #5.

**NOTE:** The End Cap and the Fins that are not between dimmers do NOT get removed.



- Connect the dimmer as shown in the wiring diagram using the appropriate sized wire connectors.
- 4. With the word "TOP" up, install dimmer in the wall box using mounting screws provided (leave mounting screws "finger tight" at this point).



Lifetime Warranty. The device you have purchased is warranted under normal use

against defects in workmanship and materials for as long as you own the device. If

the device fails due to manufacturing defect during normal use, return the device

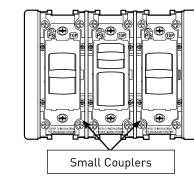
All requests for replacement must include a dated sales receipt (legible copies

ALL OTHER WARRANTIES. INCLUDING BUT NOT LIMITED TO ANY WARRANTIES

OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ARE LIMITED

for replacement to the store where purchased or send to: Legrand, 50 Boyd Avenue,

Attach the Small Couplers between the Dimmers with the screws that were removed in step 2.



- 6. Tighten the mounting screws, insert the label, attach the wall plate, and restore power to the circuit.
- 7. Calibrate the Dimmer if necessary Refer to Single Gang Installation Instructions, step #7.

TO A PERIOD OF TWO YEARS FROM THE DATE OF PURCHASE. YOUR SOLE AND EXCLUSIVE REMEDY AGAINST LEGRAND UNDER ANY WARRANTY SHALL BE THE EQUIVALENT REPLACEMENT OF THE DEVICE. IN NO EVENT SHALL ANY WARRANTY APPLY TO ANY DEFECT ARISING OUT OF ANY ALTERATION OF THE DEVICE, IMPROPER WIRING, IMPROPER INSTALLATION, MISUSE, ABNORMAL USE OR NEGLIGENCE. IN NO EVENT SHALL LEGRAND BE LIABLE FOR LOST PROFITS, INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long implied warranties last and do not allow exclusion or limitation of incidental or consequential damages. Some of the above limitations or exclusions may not apply to every purchaser.

For covering patents, see www.legrand.us/patents



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# TITAN™ INSTALLATION INSTRUCTIONS INCANDESCENT DIMMERS, MAGNETIC LOW VOLTAGE DIMMERS, FAN SPEED CONTROLS, DEHUMMER FAN SPEED CONTROLS, FLUORESCENT DIMMERS

**La legrand** 

340880 10/14

**INCANDESCENT DIMMERS "CD" SERIES:** These dimmers are for use with Incandescent and Halogen lamps.

**CAUTION:** To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a fluorescent light, a motor-operated appliance, or a transformer supplied appliance.

- Do not use this dimmer with incandescent lamps whose power requirements exceed maximum power (stated in Watts) of this control.
- $\bullet$  Do not connect this dimmer to power source other than 120VAC, 60 Hz only.
- Use copper wire only.

**MAGNETIC LOW VOLTAGE DIMMERS "CDLV" SERIES:** These dimmers are for use with Magnetic Low Voltage Incandescent and Halogen lamps.

**CAUTION:** To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a fluorescent light, or a motor-operated appliance. Connect only in a 120VAC, 60 Hz circuit to control the primary winding of a transformer supplied incandescent and halogen lamp. The maximum VA rating of this dimmer applies to the transformer input, not the load on the transformer secondary.

- Do not use to control a solid state electronic low voltage transformer.
- Do not use with inoperative or missing lamps. Use of this dimmer with inoperative or missing lamps can create an over current condition which may damage the transformer. Use transformers that incorporate thermal protection or a fuse at the primary windings.
- Use copper wire only.

FAN SPEED CONTROLS "CDSC" SERIES: These controls are for use with ceiling paddle fans with split-capacitor or shaded pole motors only. Use only with ceiling paddle fans that are marked "Suitable for Use with Solid State Fan Speed Controls." Set multi-speed fans to their highest setting before installing this control.

- Multiple ceiling paddle fans of the same type may be used if the maximum power (stated in Amps) of this control is not exceeded.
- Do not connect this control to power source other than 120VAC, 60 Hz only.
- Use copper wire only.
- This control is intended for installation in either a metal outlet box or a polymeric (plastic) outlet box.

**DEHUMMER FAN SPEED CONTROLS "CDDH" SERIES:** These controls are for use with a single ceiling paddle fan only.

- Do not use this control with a ceiling paddle fan that exceeds the maximum power (stated in Amps) of this control.
- Do not connect this control to power source other than 120VAC, 60 Hz only.
- Use copper wire only.

**FLUORESCENT DIMMERS "CDFB" SERIES:** These dimmers are for use with electronic dimming ballasts that utilize 2-wire control *[see TABLE 1 below]*:

Use copper wire only.

#### Table 1

Compatible		Ballast	
P&S Cat #	Voltage	Manufacturer	Model
CDFB5		Advance	REZ-132-SC, REZ-2S32-SC, REZ-3S32-SC, REZ-154, REZ-2S54,
CDFB8			REZ-1Q18-M2, REZ-2Q18-M2, REZ-1T42-M2, REZ-2T42-M3,
CDFB53P			REZ-1TTS40/REZ-1TTS40-SC, REZ-2TTS40/REZ-2TTS40-SC,
CDFB83P	120VAC		IEZ-2S24-D, REB-2S26-M1-LS-DIM/REB-2S26-M1-BS-DIM
CDFB10	60 Hz	Lutron	2W-T426-120-1-S, 2W-T426-120-2-S, 2W-T432-120-1-S,
CDFB16		Lution	2W-T432-120-2-S, 2W-T832-120-1-S, 2W-T832-120-2-S
CDFB103P		Sylvania/	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV
CDFB163P		Osram	DIM, QTP4x32T8/UNV DIM
			VEZ-132-SC, VEZ-2S32-SC, VEZ-3S32-SC, VEZ-154, VEZ-2S54,
CDFB7-277		Advance	VEZ-1Q18-M2, VEZ-2Q18-M2, VEZ-1T42-M2, VEZ-2T42-M3,
CDFB10-277	277VAC		VEZ-1TTS40/VEZ-1TTS40-SC, VEZ-2TTS40/VEZ-2TTS40-SC,
CDFB73P-277	60 Hz		IEZ-2S24-D
CDFB103P-277		Sylvania/	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV
		Osram	DIM, QTP4x32T8/UNV DIM

FLUORESCENT DIMMERS "CD3FB" SERIES: These dimmers are for use with electronic dimming ballasts that utilize 3-wire control (see TABLE 2 on page 2):

- Use with Lutron FDB or ECO series Electronic Fluorescent Dimming Ballasts only. Do not use with any other ballasts.
- Use copper wire only.

**FLUORESCENT DIMMERS "CD4FB" SERIES:** These dimmers are for use with 0-10VDC controllable electronic dimming ballasts or LED drivers. This control varies the 10V DC supply from the ballast or LED driver.

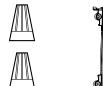
- Use Class 2 wiring. Do not run Class 2 wires in the same conduit as line voltage conductors.
- May use P&S catalog no. PWP120/277 zero-cross switching power pack (or equivalent) for AC line switching.
- Do not exceed 500 feet of total low-voltage wiring (18 AWG) to the control.
   Use shielded cable for long wiring runs, or where electrical noise is present, to ensure proper performance of the dimmer and ballast.
- A maximum of 30 ballasts can be connected to a single control.
- Use copper wire only.
- Compatible with UL Listed 120VAC or 277VAC rated, 0-10V dimmable ballasts.

# PACKAGE CONTENTS One of the following Dimmers: Narrow Dimmers Wide Dimmers Package Contents Narrow Dimmers Wide Dimmers Cat no.: Cat no.: Cat no.: CD700 CD703P CD1603P

CD700 CD703P CD1100 CD1103P CDLV700 CDLV703P CDLV1100 CDLV1103P CDFB5 CDFB53P CDFB8 CDFB83P CDSC6 CD3FB163P CDDH16 CD3FB103P-277 CD3FB16 CD4FB3P CD3FB10-277 CD4FB3P CD4FB3LP CD4FB

CD2000 CDLV1600 CDFB10 CDFB16 CDFB7-277 CDFB10-277 CDSC12

Small Coupler



CD4FBL Wire Nuts



Coupler





CD2003P

CDLV1603P

CDFB103F

CDFB163P

CDFB73P-277

CDFB103P-277

6