legrand®

Pass & Seymour

Lighting & Fan Controls
Titan™ Series
2, 3 & 4 Wire Fluorescent

CDFB & CDFB-P Series, CD3FB &CD3FB-P Series, CD4FB &CD4FB-P Series, CDADAPTORKIT

A complete solution for easy, economical multi-gang installations

The P&S Titan Series of electronic fluorescent dimmers have key features designed to increase installer productivity. Each dimmer comes with all the screwless wall plate components necessary for single-gang or multi-gang installations. No need for installer to order any additional components such as long-lead time custom wall plates to finish the job. They are able to get in and complete the installation with everything right out of the box, increasing their productivity by finishing up in one visit instead of several. The exclusive labeling system enables instant circuit identification, also increasing the productivity of the end user by saving them time during dimmer usage.

FEATURES & BENEFITS

Included screwless wall plate components make it easy to assemble a custom multi-gang wall plate in any configuration – saving money and time.

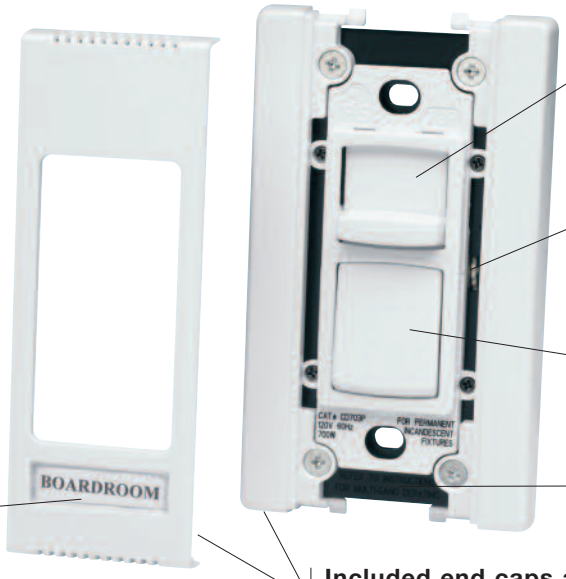
High reliability design with built-in surge and static protection plus oversize output devices to stand up to abuse.

Widest choice of amperage ratings with minimal or no derating for faster job planning.

Built-in label holder enables instant circuit identification; looks clean and professional. Also included is plate without label holder.

Power-failure memory retains presets through power outages.

Preset models feature large ON/OFF button and single pole/three-way functionality.



CDFB83-PW

Enclosed slider helps prevent dust and dirt contamination.

Trim potentiometer to adjust minimum light level to account for variations in electronic dimmable fluorescent ballasts.

Air gap switch

Improved heat management enables superior load ratings.

Included end caps and spacers screw directly to heat sinks; center plate snaps easily on and off.

FIELD USES/VERTICAL MARKETS

■ Industrial ■ Health Care ■ Education ■ Institutional ■ Retail ■ Office ■ Hospitality/Lodging ■ Multiple Dwelling

legrand®
Pass & Seymour

Lighting & Fan Controls
Titan™ Series
2, 3 & 4 Wire Fluorescent

ORDERING INFORMATION

Catalog Number	Description	Ratings	Narrow or Wide
2 Wire Fluorescent			
CDFB5*	2 Wire, Electronic, Single Pole, Slide-to-OFF	5A, 120V	Narrow
CDFB8*		8A, 120V	Narrow
CDFB10*		10A, 120V	Wide
CDFB16*		16A, 120V	Wide
CDFB7277*		7A, 277V	Wide
CDFB10-277*		10A, 277V	Wide
CDFB53P*	2 Wire, Electronic, Single Pole/3-Way, Preset	5A, 120V	Narrow
CDFB83P*		8A, 120V	Narrow
CDFB103P*		10A, 120V	Wide
CDFB163P*		16A, 120V	Wide
CDFB73P277*		7A, 277V	Wide
CDFB103P277*		10A, 277V	Wide
3 Wire Fluorescent			
CD3FB16*	3 Wire, Electronic, Single Pole, Slide-to-OFF	16A, 120V	Narrow
CD3FB10277*		10A, 277V	Narrow
CD3FB163P*	3 Wire, Electronic, Single Pole/3-Way, Preset	16A, 120V	Narrow
CD3FB103P277*		10A, 277V	Wide
4 Wire Fluorescent**			
CD4FB*	4 Wire, Electronic, Single Pole, Slide-to-OFF	24VDC	Narrow
CD4FB3P*	4 Wire, Electronic, Single Pole/3-Way, Preset	24VDC	Narrow
Adaptor Kit			
CDADAPTORKIT*	Decorator Device Adaptor Kit	–	Narrow

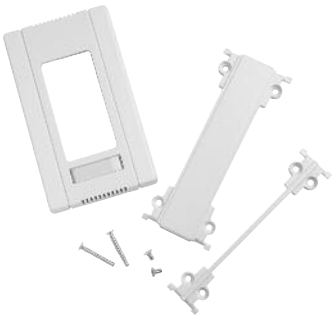
** Requires PWP120277 Power Pack.

***Color Designation**

I	**Ivory**	-	**Brown**	BK	**Black**
W	**White**	GRY	**Gray**	LA	**Light Almond**

Note: Replace * with color designation (W-White, I-Ivory, LA-Light Almond, BK-Black, GRY-Gray, Blank-Brown).

Adaptor kit enables matching installation of standard P&S Decorator Devices – outlets, switches, GFCIs and more.



CDADAPTORKIT

Catalog Ratings Number	Description	Input Voltage	Load Ballast (A)	Load Incan. (A)	Motor (HP)
Power Pack					
PWP120277	**Power Pack**	24VDC	20	20	1†

Constructed with environmentally friendly materials and is RoHS compliant.
† HP Rated at 120/250VAC.
†† Output is 225mA with relay connected.

For more information on these and other P&S products refer to our Catalog or visit our web site.

Lighting & Fan Controls
Titan™ Series
2, 3 & 4 Wire Fluorescent

legrand®
Pass & Seymour

TECHNICAL SPECIFICATIONS

3rd Party Compliance

cULus Listed, File Number E95219 Standard UL1472 Solid State Dimming Controls, Standard C22.2 No. 184-1; File Number E109655 Standard UL1917 Solid State Fan Controls, Standard C22.2 No. 156. Conforms to NEMA WD-1 and WD-6. California Title 24 Compliant.

Performance

Electrical	
Supply Voltage	2 & 3 Wire – 120VAC or 277VAC, 60Hz 4 Wire – 24VDC Class Two Wiring
Maximum Load	Up to rating of device (including derating)
Mechanical	
Aluminum Heat Sink	Thermoplastic enclosure, wall plate, and ganging parts
Environmental	
Ambient Temperature	Between 0-40°C
Humidity	Less than 95% non-condensing

Materials

Back Body	Thermoplastic	Spacers	Thermoplastic
Front Body	Thermoplastic	Heat Sink/Strap	Aluminum
Wall Plate	Thermoplastic	Screws	Plated Steel
End Caps	Thermoplastic		

Warranty: See Instruction Sheet

Derating for Multi-Gang Installations

Dimmer Catalog No.	1-Gang Installation	Fins: NOT Removed		Fins: Removed	
		2-Gang Installation	3- or More Gang Installation	2-Gang Installation	3- or More Gang Installation
CDFB5	5A	5A	5A	5A	5A
CDFB8	8A	8A	8A	7.7A	6.3A
CDFB53P	5A	5A	5A	5A	5A
CDFB83P	8A	8A	8A	7.7A	6.3A
CDFB10	10A	10A	10A	10A	10A
CDFB16	16A	16A	16A	n/a	n/a
CDFB7-277	7A	7A	7A	7A	7A
CDFB10-277	10A	10A	10A	10A	10A
CDFB103P	10A	10A	10A	10A	10A
CDFB163P	16A	16A	16A	n/a	n/a
CDFB73P-277	7A	7A	7A	7A	7A
CDFB103P-277	10A	10A	10A	10A	10A
CD3FB16	16A	16A	16A	16A	16A
CD3FB163P	16A	16A	16A	16A	16A
CD3FB10277	10A	10A	10A	10A	10A
CD3FB103P277	10A	10A	10A	10A	10A
CD4FB	**DO NOT EXCEED 60 BALLASTS**				
CD4FB3P	**DO NOT EXCEED 60 BALLASTS**				

Dimensions for Narrow Devices

Dimensions for Wide Devices

Refer to installation instructions and sell sheet for the appropriate wall box ganging information

CDFB ELECTRONIC FLUORESCENT DIMMER BALLAST COMPATIBILITY

Compatible P&S Catalog Number	Voltage	Manufacturer	Ballast Model 1% Hi-Lume, Hi-Lume 3D	5% Compact 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-T539-120-1, FDB-T539-120-2, FDB-T554-120-1, FDB-T554-120-2, FDB-2427-120-1, FDB-2427-120-2, FDB-2427-120-3, FDB-3627-120-1, FDB-3627-120-2, FDB-3627-120-3, FDB-4827-120-1, FDB-4827-120-2, FDB-4827-120-3, FDB-6027-120-1, FDB-6027-120-2, FDB-7280-120-1, FDB-8480-120-1, FDB-9680-120-1, H3DT832CUNV110, H3DT832CUNV117, H3DT832CUNV210, H3DT832CUNV217	FDB-T418-120-1-S, FDB-T418-120-2-S, FDB-T426-120-1-S, FDB-T426-120-2-S, FDB-T418-120-1-S, FDB-T418-120-2-S, FDB-T426-120-1-S, FDB-T426-120-2-S, FDB-T432-120-1-S, FDB-T432-120-2-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, FDB-2243-120-2	E3-T514C-120-1, E3-T514C-120-2, E3-T521C-120-1, E3-T521C-120-2, ECO-T528-120-1, ECO-T528-120-2, ECO-T524-120-1, ECO-T524-120-2, ECO-T5H39-120-1, ECO-T5H39-120-2, 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-T550-120-2, ECO-T817-120-1, ECO-T817-120-2, ECO-T817-120-3, ECO-T825-120-1, ECO-T825-120-2, ECO-T832-120-1-L, ECO-T832-120-1-T, ECO-T832-120-2-L, ECO-T832-120-2-T, ECO-T832-120-3
CD3FB10277 **CD3FB103P277**	**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-2427-277-1, FDB-2427-277-2, FDB-2427-277-3, FDB-3627-277-1, FDB-3627-277-2, FDB-3627-277-3, FDB-4827-277-1, FDB-4827-277-2, FDB-4827-277-3, FDB-6027-277-1, FDB-6027-277-2, H3DT832CUNV110, H3DT832CUNV117, H3DT832CUNV210, H3DT832CUNV217	FDB-T418-277-1-S, FDB-T418-277-2-S, FDB-T426-277-1-S, FDB-T426-277-2-S, FDB-T418-277-1-S, FDB-T418-277-2-S, FDB-T426-277-1-S, FDB-T426-277-2-S, FDB-T432-277-1-S, FDB-T432-277-2-S, FDB-T442-277-1-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, FDB-2243-277-2	E3-T514C-277-1, E3-T514C-277-2, E3-T521C-277-1, E3-T521C-277-2, ECO-T528-277-1, ECO-T528-277-2, ECO-T524-277-1, ECO-T524-277-2, ECO-T5H39-277-1, ECO-T5H39-277-2, ECO-T554-277-1, ECO-T554-277-2, ECO-T539-277-1, ECO-T539-277-2, ECO-T539-277-3, ECO-T540-277-1, ECO-T540-277-2, ECO-T540-277-3, 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

CDFB 4 WIRE ELECTRONIC FLUORESCENT DIMMER BALLAST COMPATIBILITY

Compatible P&S Catalog Number	Voltage	Ballast Manufacturer	Model & Series
CD4FB **CD4FB3**	**24VDC**	**Advance Transformer** **Lutron** **Sylvania / Osram** **Universal** **GE**	**Mark 7, Xitanium IZT, RZT, VZT, LED120** **Eco-10 TVE** **Quicktronic Powersense, Helios, Optotronic QTP, QT, OT** **SuperDim, Ballastar ES, B132, B232, B332, B432** **T8 Dimming Ballasts B132, B232, B332**

ALSO AVAILABLE...

- Hospital Grade Devices
- PlugTail™ Devices
- TVSS & Isolated Ground Devices
- Ground Continuity Monitoring (GCM)
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- Weatherproof Boxes & Covers
- IEC 309 Industrial Products
- Flexcor® Wire Mesh Grips

Pass & Seymour

legrand®

USA
P.O. Box 4822
Syracuse, NY 13221-4822
800-611-7277

Canada
570 Applewood Crescent
Vaughan, Ontario L4K 4B4
905-738-9195

SF3303R2 — Updated April 2010 — For latest specs visit www.legrand.us passandseymour

© 2007, Pass & Seymour/Legrand WM/DG