

Catalog Number(s) • Numéro(s) de Catalogue • Les Numéros de Catalogue: H703PTU

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China



H703PTU

READ AND SAVE THESE INSTRUCTIONS

To be installed by a certified electrician or other qualified person.

WARNING – To prevent severe shock or electrocution, always turn power off at the service panel before installing this product, working on the circuit, or changing a lamp.

CAUTION

- To reduce the risk of overheating and possible damage to this product or other equipment do not use this product to control a receptacle, a motor operated appliance, or a transformer based appliance.
- Do not use this product with loads whose power requirements exceed the maximum power (stated in watts, amperes, or volt-amperes) of the dimmer.
- A 6 watt minimum load is required.
- Do not connect this product to a power source other than 120VAC, 60Hz.
- Use copper wire only.

LIRE ET CONSERVER CES INSTRUCTIONS

Doit être installé par un électricien certifié ou une autre personne qualifiée.

AVERTISSEMENT : afin d'éviter tout choc électrique ou électrocution grave, toujours éteindre l'alimentation sur le panneau de service avant d'installer ce produit, de travailler sur le circuit ou de changer une lampe.

ATTENTION

- Pour réduire le risque de surchauffe et d'autres dommages possibles sur ce produit ou d'autres appareils, ne pas utiliser ce produit pour contrôler une prise électrique, un appareil à moteur ou un appareil avec transformateur.
- Ne pas utiliser ce produit avec des ampoules dont les besoins en énergie dépassent la puissance maximale (exprimée en watts, en ampères ou en voltampères) du variateur.
- Une ampoule d'au moins 6 watts est requise.
- Ne brancher ce produit qu'à une source d'alimentation de 120 VCA, 60 Hz.
- N'utiliser que des fils en cuivre.

LEA Y CONSERVE ESTAS INSTRUCCIONES

Para ser instalado por un electricista certificado o persona competente.

ADVERTENCIA – Para evitar una fuerte descarga eléctrica o electrocución, siempre apague el suministro de energía desde el panel de servicio antes de instalar esta unidad, cuando esté trabajando en el circuito o cambiando una bombilla.

PRECAUCIÓN

- Para reducir el riesgo de sobrecalentamiento y posibles daños a este producto u otros equipos, no use este atenuador para controlar un receptáculo, un electrodoméstico que funcione con motor ni un electrodoméstico con transformador.
- No utilice este producto con cargas cuyos requisitos energéticos excedan la potencia máxima (indicada en vatios, amperios o voltios-amperios) del atenuador.
- Se requiere una carga mínima de 6 vatios.
- No conecte este producto a un suministro eléctrico que no sea de 120 VCA, 60 Hz.
- Utilice únicamente cable de cobre.

IMPORTANT NOTES

- All dimmers can be damaged by improper wiring. Check for short circuits prior to installing the dimmer with a lamp load in the circuit.
Procedure for short circuit check:
 - Disconnect power to circuit by removing fuse or turn circuit breakers OFF.
 - Install a switch instead of the dimmer. Turn the switch to the ON position.
 - Turn power ON. If the circuit breaker trips, a short circuit is present. If the light fails to turn ON and OFF with the switch, the wiring may be incorrect.
 - Correct wiring, if necessary, and retest.
 - Install the dimmer only after the light operates properly with the switch.
- Protect this product from dust and dirt. The dimmer can be damaged by contaminants 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 this product. This product should not be installed until the construction process is complete.

Any dimmer damage due to improper installation is not covered under warranty.

APPLICATION

This product can be used with any incandescent, electronic low voltage, or magnetic low voltage load. Additionally, it can be used with the following electronic fluorescent, compact fluorescent, or LED loads:

CFL / Lampe fluo-compacte / CFL

Brand / Marque / Marca	Model / Modèle / Modelo	Bulb Description / Description de l'ampoule / Descripción de la bombilla
Ecosmart	ES5CCDF052 (8TC05)	5W Candle
	ES5M814DIM2 (40114)	14W Spiral
	ES5M10123 (10123)	23W Spiral
	BPE5L11R20/DIM/ESM (2R2014DIM)	11W R20 Flood
	ES5R315DIM50K (2R3015DIM)	15W R30 Flood
	ES5R315DIM35K (2R3015DIM)	15W R30 Flood
Feit	BPE5L15T/DM	15W Spiral
	BPE5L23T/DM	23W Spiral
Bright Effects	LBP13TC/DM	13W Spiral
GE	FLE15HT3/2/DV/SW	15W Spiral
	FLE26HT3/2/DV/SW	26W Spiral
	FLE26/2/DV/R40	26W R40 Flood
Philips	EL/A PAR38 DIM 20W	20W PAR38 Flood
	EL/A R30 DIM 16W	16W R30 Flood
	EL/A R40 DIM 20W	20W R40 Flood
	EL/mdT DIM 15W	15W Spiral
	EL/mdT DIM 20W	20W Spiral
TCP	2R2014DIM	14W Spiral R20
	2R3016DIM	16W Spiral R30
	2R4019DIM	19W Spiral R30
	8A08WH	8W A19
	8TC05F	5W Candle
	8T03CL	3W Candle
	40114	14W Spiral
	40123	23W Spiral
Sylvania	CF5EL/DECO/DIM	5W Candle
	CF14EL/TWIST/827/DIM	14W Spiral
	CF14EL/R20/DIM	14W R20
	CF15EL/BR30/DIM	15W R30 Flood
	CF19EL/BR40/DIM	19W R40 Flood
Halco	CFL15/27/DIM	15W T4 Mini-Spiral
	CFL15/27/R30/DIM	15W R30 Flood
	CFL23/27/DIM	23W T3 Mini-Spiral
	CFL23/27/R40/DIM	23W R40 Flood

LED / DEL / LED

Brand / Marque / Marca	Model / Modèle / Modelo	Bulb Description / Description de l'ampoule / Descripción de la bombilla
Ecosmart	ECS 19 WW 120	8.6W A19
	ECS 25 WW 120	8W G25
	ECS 20 WW FL 120	8W PAR20
	ECS 30 WW FL 120	15W PAR30
	ECS 38 WW FL 120	18W PAR38
	(CREE) ECO-575L	10.5W Downlight
Philips	11E26PAR30S-E	3W Candle
	12EPAR30S-E1	3W Candle
	7E26PAR20-E	6W R20 Flood
	3E12B11-E	7W PAR20 Flood
	7E26A60	7W A19
	6E26R20	8W A19
	3E12BA11-E	11W PAR30S Flood
	8E26A60	12W PAR30S Flood
	17E26PAR38-E1	16W PAR38 Flood
	16E26PAR38-E	17W PAR38 Flood

LED / DEL / LED

Brand / Marque / Marca	Model / Modèle / Modelo	Bulb Description / Description de l'ampoule / Descripción de la bombilla
Sylvania	LED8A/DIM/F/830	8W A19
	LED8/PAR20/DIM/830/NFL25	8W PAR20
	LED8/G25/DIM/F/830	8W G25
	LED15/PAR30LN/DIM/830/NFL25	15W PAR30
	LED18/PAR38/DIM/830/NFL25	18W PAR38
Halco	PAR16/6NW/FL/LED2	6W PAR16
	PAR20/8NW/NFL/LED2	8W PAR20
	PAR30/14WWW/SP/LED2	14W PAR30
	PAR38/18WWW/FL/LED	18W PAR38

Fluorescent Compatible Ballasts Ballasts compatibles avec les lampes fluorescentes Balastros compatibles con lámparas fluorescentes

Advance Mark 10	Advance Ambistar	Lutron Tu-Wire	Sylvania/Osram
REZ-132-SC	REB-2S26-M1-LS-DIM	2W-T426-120-1-S	QTP1x32T8/ UNV DIM
REZ-2S32-SC	REB-2S26-M1-BS-DIM	2W-T426-120-2-S	QTP2x32T8/ UNV DIM
REZ-3S32-SC		2W-T432-120-1-S	QTP3x32T8/ UNV DIM
REZ-154		2W-T432-120-2-S	QTP4x32T8/ UNV DIM
REZ-2S54		2W-T832-120-1-S	
REZ-1Q18-M2		2W-T832-120-2-S	
REZ-2Q18-M2			
REZ-1T42-M2			
REZ-2Q26-M2			
REZ-2T42-M3			
REZ-1TTS40			
REZ-1TTS40-SC			
REZ-2TTS40			
REZ-2TTS40-SC			
IEZ-2S24-D			

Pass & Seymour Universal Dimmers have been tested for compatibility with the following magnetic low voltage transformers.

Always use the minimum number of transformers that will provide the necessary output power.

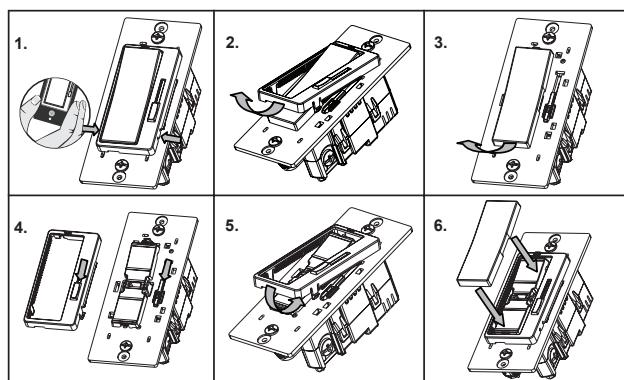
Les variateurs universels Pass & Seymour ont été testés pour être compatibles avec les transformateurs magnétiques basse tension suivants. Toujours utiliser le nombre minimum de transformateurs pour fournir la puissance de sortie nécessaire.

Los reguladores universales Pass & Seymour han sido sometidos a pruebas de compatibilidad con los siguientes transformadores magnéticos de bajo voltaje.

Siempre utilice la cantidad mínima de transformadores que entregarán la potencia de salida necesaria.

Manufacturer / Fabricant / Fabricante	Part Number / N° Partie / N° Parte	Rating (W) / Cote (W) / Clasificación (W)
Juno	TL575-75-BL	75
Edge Lighting	T-150-12	150
Encompass Lighting Group (ELG)	700AT150T	150
LED Inspiration	DR-150W-24DC-DIM	150
Magnitude	M300S	300
Bruck	T-300	300
WAC Lighting	SRT-500M-12V	500

COLOR CHANGE PROCEDURE/PROCÉDURE DE CHANGEMENT DE COULEUR/PROCEDIMIENTO DE CAMBIO DE COLOR



DIRECTIONS

- If color change kit was provided, and a different color is desired, see the Color Change Procedure, if not proceed to step #2.
- Disconnect power to circuit by removing fuse or turn the circuit breakers Off before installing.
- Remove wall plate and switch mounting screws, pull existing switch from wall box.
- Disconnect existing switch from circuit. For 3-way installations: 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 load.

- Connect dimmer as shown in the installation diagram using #12 or #14 AWG wire stranded or solid copper conductors. Note that the dimmer and 3-way switch positions may also be reversed from that shown. Strip the wire to the length shown on the back of the product. (Figure 1 or Figure 2)
- Install product in wall box, with the word "Top" on the strap right side up, using mounting screws provided.
- Attach wall plate and then restore power to the unit.
- The dimmer may require adjustment to the low end setting to reliably start and/or remove flickering in bulbs. To adjust, remove the wall plate, and disconnect power. Make adjustment as stated in the "User Adjustment" section of the DIMMER OPERATION section.

NOTE: It is normal for the dimmer to feel warm during operation. 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.

MULTIPLE GANGING OF DIMMERS AND OTHER DEVICES

Any combination of dimmer models and other devices may be ganged together. No derating of the dimmer is required for forward phase applications. For reverse phase applications in 3-gang installations derate incandescent, halogen or electronic low voltage loads to 650 Watts and electronic fluorescent loads to 5A. The maximum load for this product based on the compatible load types are:

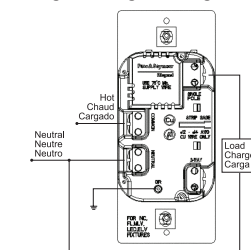
700 Watts for Incandescent, Electronic Low Voltage, and Halogen
500VA for Magnetic Low Voltage

5.5 Amperes for Electronic Fluorescent

450 Watts for Compact Fluorescent and Light Emitting Diode (LED)

DIMMER OPERATION

Figure 1 / Figure 1 / Figura 1



Single Pole / Unipolaire / Unipolar

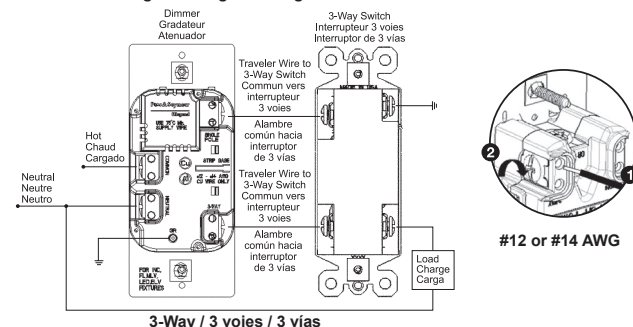
Paddle Switch

- Pressing the Paddle Switch up and down switches the dimmer's Hot terminal between the two traveler terminals, cycling the load power on and off.
- The switch operates in both single-pole and three-way installations.

Dimming Slider

- Sliding to the top-most position sends full power to the load resulting in maximum brightness.
- Sliding to the bottom-most position produces minimum brightness (maximum dimming).

Figure 2 / Figure 2 / Figura 2



3-Way / 3 voies / 3 vías

USER ADJUSTMENTS

Min Level Trim

- Holding the Cal button for approximately 5 seconds with the slider at minimum brightness causes the Locator LED to flash, and initiates manual calibration (do not release the Cal button until the Locator LED starts to flash).
- Pressing the Cal button while the Locator LED is flashing cycles through 12 preset trim levels.
- Moving the slider exits calibration and stores selected trim level.

Max Level Trim (energy saver)

- Holding the Cal button for approximately 5 seconds with the slider at maximum brightness causes the Locator LED to flash, and initiates manual calibration (do not release the Cal button until the Locator LED starts to flash).
- Pressing the Cal button while the Locator LED is flashing cycles through 12 preset trim levels.
- Moving the slider exits calibration and stores selected trim level.

Forward or Reverse Phase Selection

- Forward Phase is the default as shipped from factory. Slide the Forward/Reverse (labeled "F" and "R") switch to the desired operating position for the light source being used. As a general rule, use Forward for LED, CFL, electronic fluorescent, and incandescent. Use Reverse for electronic low voltage. Use **only** Forward for magnetic ballasts.
- Initiating a manual min or max level trim as described above, or removing and reapplying power to the dimmer, is required for the change to take effect.
- The Locator LED flash rate during min level and max level trim is approximately 1Hz for Reverse Phase, approximately 3Hz for Forward Phase.

Initial Turn-on

The dimmer will perform the following automated min level trim sequence after power is applied (installation, power return after a blackout, circuit breaker resets):

- Step through preset load sensing output voltage levels dwelling for approximately 1 second at each output voltage level. Continue until the load is detected. *The user is required to have a load installed and also to move the Paddle Switch into the On position for this portion of the trim sequence.*

- Once the load is detected, step through preset trim levels dwelling for approximately 1 second at each trim level, checking if load current is sensed at each trim level. The lowest trim level that results in a stable load current sensed reading will be saved and used.

After the dimmer performs the above initialization, it will perform as specified in the previous sections of this document.

- With power applied, pressing the Cal button for more than one second but not more than five seconds will activate the automated Min Level Trim feature.



