

TWIST-LOCK PHOTOCONTROL RECEPTACLE

Conforms ANSI C136.41

Rotatable

JL-250T1412



Product Summary



The entire JL-250T series twist-lock receptacles were designed for the lanterns those intended to have an ANSI C136.10-2006 receptacle to fit a twist-lock photocontrol. This series conform newly published ANSI C136.41-2013 to allow a LED lamp multi-controlled through the receptacle, and obtained cRUus certificates under UL file E188110.

This item JL-250T1412 offers 4 gold-plated low voltage pads on the top surface to fit photocontrol has ANSI C136.41 conforming spring contacts, and offers 4 corresponding wires at rear back for signal connection.

This item offers 360 degree rotation limiting feature to conform ANSI C136.10-2010 requirements. After simply fit its Rear Seat onto a lamp housing with 2 screws, the assembled receptacle body can be handy snapped on the Seat for mechanical installation completed. Rotation will be held during photocontrol installation or removal by pressure applied vertically.

This item has multiple gaskets built-in already for IP65 protection.

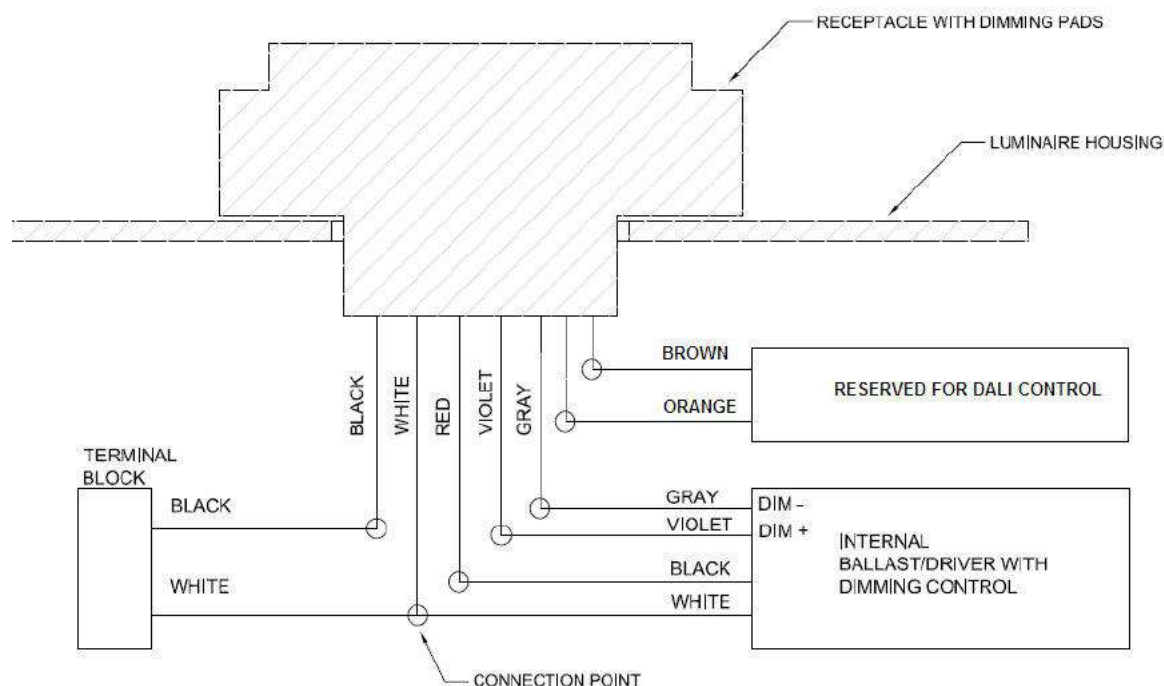
Technical Data

Model No.		JL-250T1412
Power Volt Range		0~480VAC
Rated Frequency		50/60Hz
Power Loading		15A max. / AWG#16: 10A max.
Signal Loading		30VDC, 0.25A max.
Ambient Temperature External*		-40°C ~ +70°C
Material	Receptacle	UV stabilized Polycarbonate (UL94 5VA)
	Power Contact	Solid Brass
	Signal Contact	Nickel plated Phosphor Bronze, Gold plated
	Gasket	Thermal Elastomer (UL94 V-0)
	Power Lead	14AWG, AWM1015
	Signal Lead	18AWG, AWM1015
Leads		12"
Overall Dimensions (mm)		65Dia.x 38

* Ambient Temperature rating is for the receptacle body outside luminaire.

Installation

Disconnect power; wire the receptacle according to the diagram below. An arrow indicating NORTH on the top of the receptacle is used to assist correct direction. Push the photocontrol on and turn it clockwise to lock into the receptacle.



Adjust the receptacle position if necessary.

Reference Documents

ANSI C136.10-2010 American National Standard for Roadway and Area Lighting Equipment – Locking-Type Photocontrol Devices and Mating Receptacles – Physical and Electrical Interchangeability and Testing

ANSI C136.41-2013 American National Standard For Roadway and Area Lighting Equipment – Dimming Control Between an External Locking Type Photocontrol and Ballast or Driver

Attachment

