

General Description

The **WISH4** is a self contained lighting controller with **4 x 4 Amp DIMMERS/ SWITCHES**. With a built in control station, the WISH4 has no need for any other system components. The **WISH4** ships ready to dim/switch 4 circuits and has 4 PRESET buttons to allow the user to store 4 different lighting SCENES. The **WISH4** comes standard with a UNIVERSAL INFRARED REMOTE receiver and a Universal Infrared Remote control (**UIR**). The **WISH4** may be stand-alone unit, or may be connected to a larger **PROTOCOL** system as a dimmer node and a station node. The Station has all the same features as a PSC08-IR. Please see **PS Series** and **UIR** specifications for more information.

STAND ALONE: The **WISH 4** is ready to operate and does not need any programming when used as stand alone. It mounts on a 4 Gang wall box and can use existing wiring to replace regular 4 dimmer configurations (requires neutral feed for Logic).

PROTOCOL STATION: The **WISH 4** may be used as two Nodes on the **PROTOCOL** dimming and control system DATA BUS(a dimming node and a control node). It can be programmed as a regular **PS** station and can be controlled by any **PS** station. The **PROTOCOL** System has distributed intelligence (no central controller) and operates over a 4-wire (2 twisted pairs) network bus thus increasing the reliability and the versatility of the system.

Button functions and control channel assignment are programmed and loaded into the **PS** station by means of our "**SOFTPRO**" programming software. These can be assigned at the factory and easily reprogrammed in the field whenever necessary to accommodate the changing needs of the application. Protocol control stations offer the flexibility to **change function, zone assignment, quantity and location of buttons** on the station.

Button operation

Deafault As Shipped

ZONES 1,2,3,4

Dimmer/Dimmer Preset On / Off

*Push & release alternates relevant dimmers from ON at a preset level to OFF.

*Push and Hold cycles dimmer Up and Down until released.

SCENES 1,2,3,4

Preset levels for all 4 Circuits.

Push and release and all circuits will change to preset Levels. Push and hold for four seconds to store lighting scene. Station must be unlocked to store scenes. Please see Appendix F of the **PROTOCOL** Hardware and Software Manuals for more details on locking and un-locking stations.

Scenes are easily Programmable by operator.

Please see **PROTOCOL** Software Programming Manual for full programming options.

Physical and Electrical Specifications

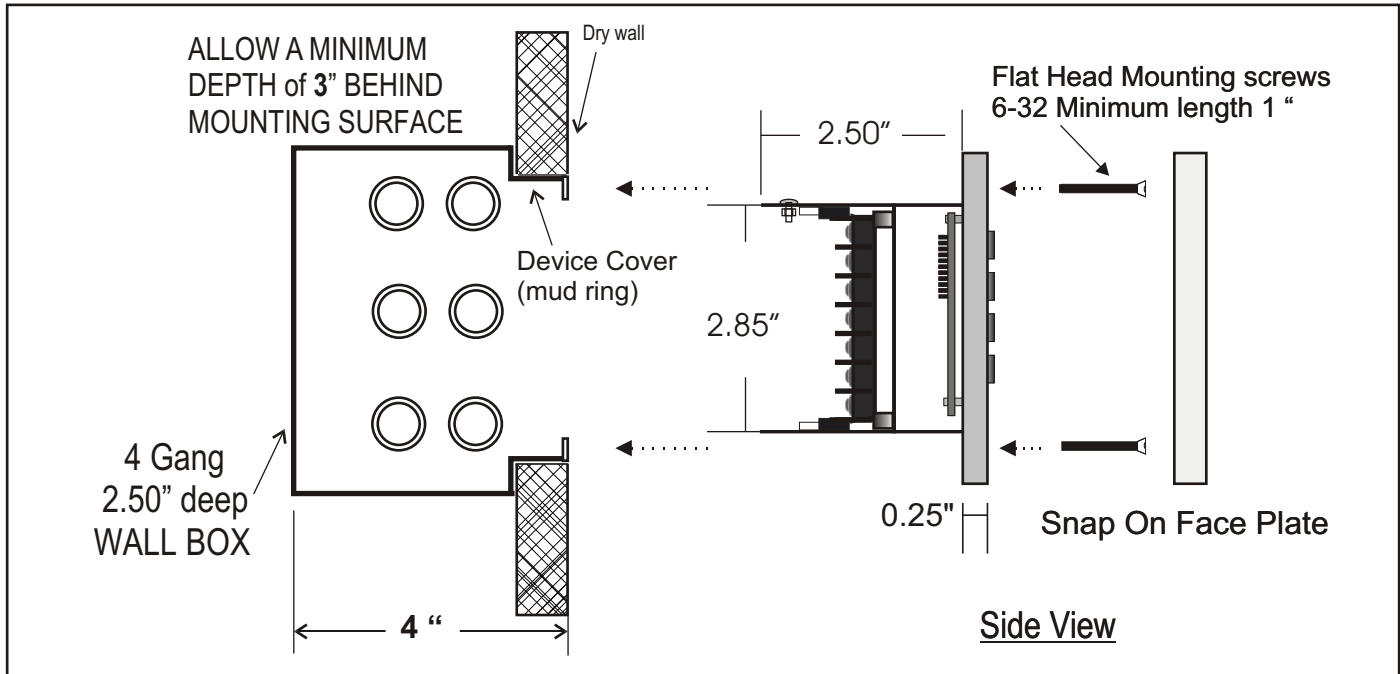
- Back Plate: Metal Construction.
- Dimensions: 8.00"x 4.30"x 3.00"
- Weight: 2.25 Lbs. (1 Kg.)
- Wall Box Size: 4 Gang with Minimum cavity depth of 2.95"

DIMMERS Power ratingsfor220/240vac units

- INPUT: 1 x 20 AMP Breaker at 220/240VAC -50/60 Hz.
- OUTPUTS: 4 x 880 Watts Max. at 220VAC -50/60 Hz.
4 x 960 Watts Max. At 240VAC-50/60 Hz.
- TRIACS: Max. Rating 25 A/600 VAC.
- CONNECTOR: 7-position screw terminal block

Communication Information

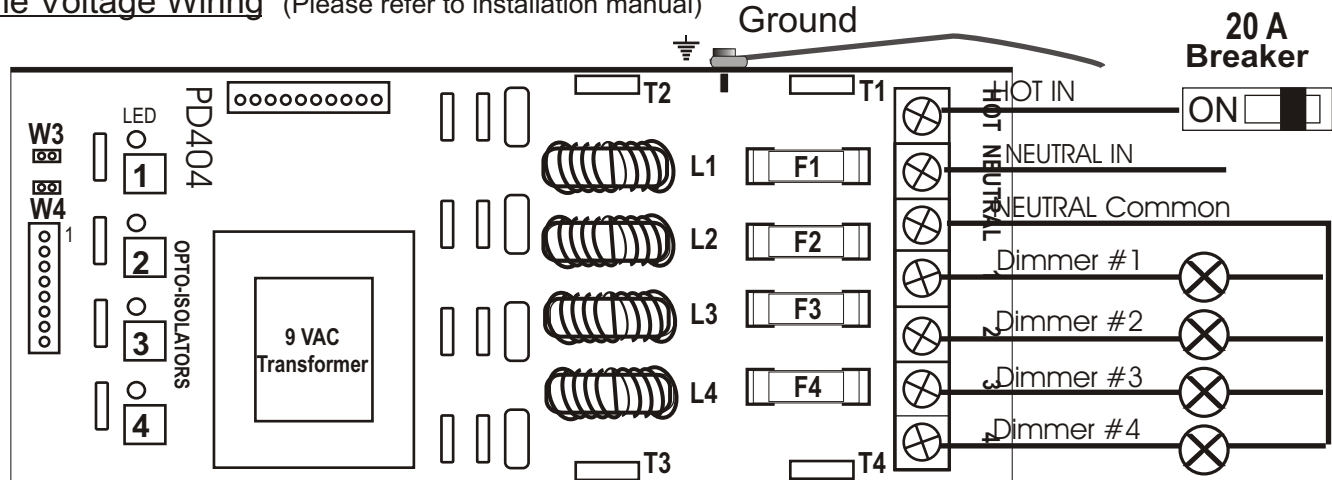
- Data Input: RS485 Compliant.
- Data Output: RS485 Compliant.
- Data Format: **PROTOCOL** compatible
- Data Retention: 10 years, no batteries required.



Mounting requirements:

- The WISH4 mounts in a Four gang deep masonry box.
- Box must have a minimum depth of 2-1/2" and a minimum inside height of 2-13/16" to allow clearance for wiring (See above illustration.)
- Use Grounded metal boxes, or ground by other method.
- Masonry/electrical boxes to be supplied **by others**.
- Refer to the WISH4 User/Installation Manual or consult factory for more details.

Line Voltage Wiring (Please refer to installation manual)



Terminal Block:
7 Screw terminals for #12 Gauge wire

LINE INPUT: # 12 Gauge Hot and Neutral from 20 Amps Breaker in service panel.
4 OUTPUTS: 25 AMPS/600V optically isolated Triacs; rated at 4 AMPS per output; 16 Amps Total