

Project Name: \_\_\_\_\_  
 Part Number: \_\_\_\_\_ Date: \_\_\_\_\_

**Features**

- Provides control of relays within the Dialog® lighting control panel.
- Compatible with all models of Douglas relays.
- 8 output channels
- Provides low voltage signal to switch connected relays
- Continuously senses and reports the state of the connected relays to the LCU.



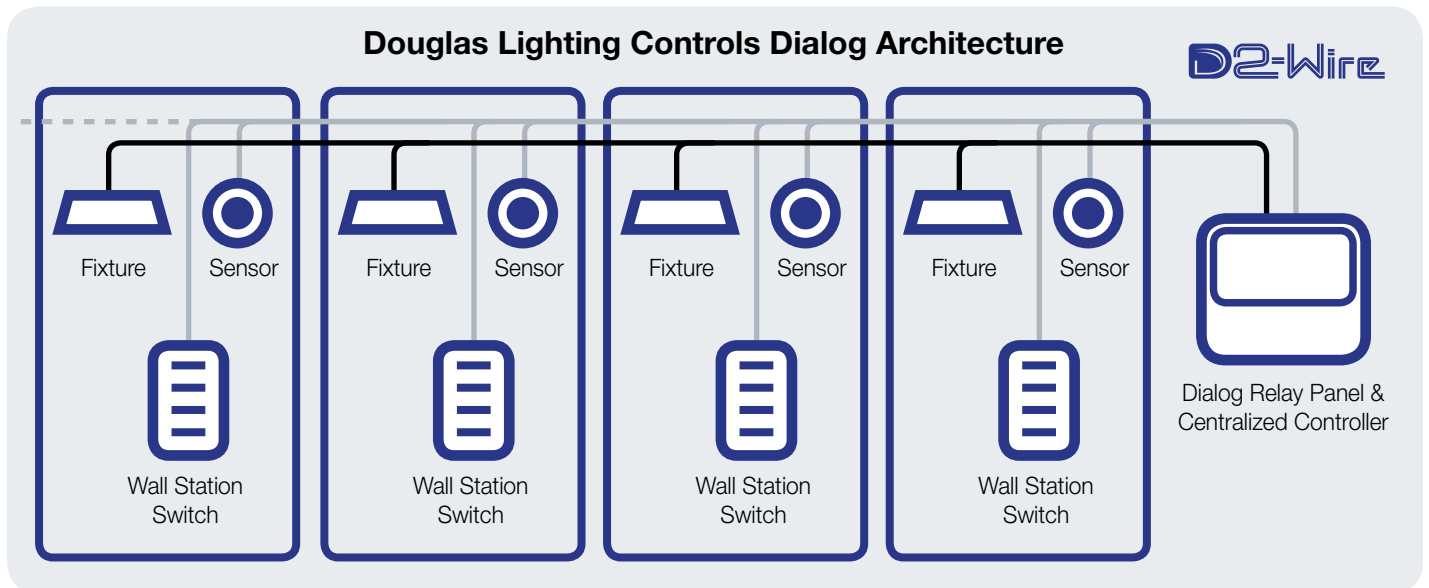
ASHRAE 90.1 Compliant

The Dialog Relay Driver is installed in the Dialog Panel and output addresses are set with DIP switches on the unit. There are two sets of address DIP switches: one set for the left four outputs and the other set for the right four outputs. Addresses are set such that they are unique from all others. The WLC-4150 Lighting Control Unit will detect and warn of duplicate addresses. Output addresses are organized by major and minor addresses. Major addresses are set with the DIP switch, and there is one output wire for each of the 4 minor addresses.

The Relay Driver has eight outputs with one relay per output. A maximum of two relays can be connected to an output, but in this case they would switch together. The Dialog Relay drivers connect together to support additional relays.

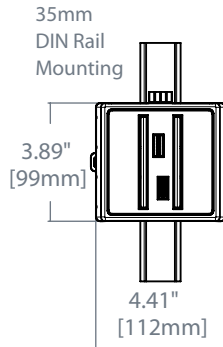
The Dialog Relay Driver is part of the Dialog System which includes relay panels, control cards and peripheral devices (Occupancy Sensor, Daylight Sensor, Wall Station Switches). Systems are built project specific, then factory programmed and tested before shipping to site. On-site support for commissioning is provided as needed.

PART NUMBER	DESCRIPTION
WRD-3408z	Relay driver, 8 outputs, DIP set

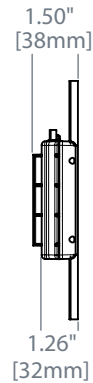


### DIMENSIONS & MOUNTING

Plain View

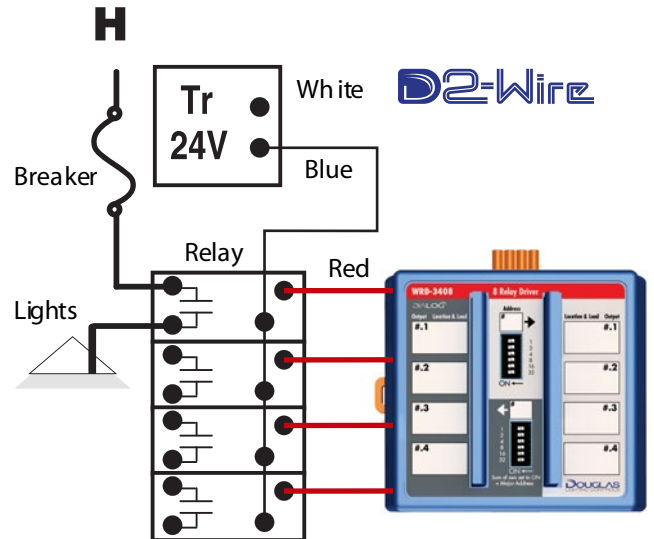


Side View



### OVERVIEW

- The WRD-3408 relay driver has 2 output addresses, one for the 4 relays on the left side and one for the 4 relays on the right side. Each output address is set with a DIP switch block that sets the major part of the output address.
- In most cases each output is connected to 1 Douglas relay to give it a unique output address. Up to 2 relays can be connected to an output, however they will both switch together.



<b>POWER</b>	• Dialog 2-wire (18/2 AWG) low voltage, non-polarized, power and data bus
<b>COMMUNICATION</b>	• Dialog 2-wire (18/2 AWG) low voltage, non-polarized, power and data bus
<b>CURRENT DRAW</b>	• 3mA
<b>OUTPUT</b>	• 8 Douglas relay outputs • Connect a maximum of 2 relays to each output
<b>ENVIRONMENT</b>	• Indoors, stationary, non-vibrating, non-corrosive atmosphere & non-condensing humidity • Ambient operating temperature: +5°F to +120° F (-15° C to +50° C)
<b>WARRANTY</b>	• 1 year warranty

\* Application and Performance Specification Information Subject to Change without Notification

Rev. 8/2/17