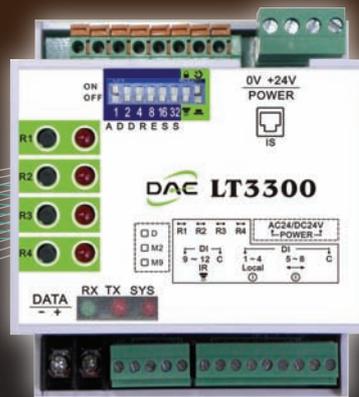


LT3300 Selectively Enabled Addressable Relays



LT SERIES



Smart for Greenlife!

Features

- Specially designed for use with infrared sensors
- 4 DO channels with built in 8A relays
- 4 dry contact DI for connecting with classic switches for direct DO control
- Configuration through auto-learning
- Select forced on/off mode of operation
- Adjustable auto-off countdown time
- On site switches or sensors allowed to operate only when selectively enabled

Application

- Public facilities
- Large bedroom lights
- Hallways and stairways
- Air conditioning
- Warehouse and offices

Interaction with the IS Digital Switch

- The IS digital switch can force the load or allow control to revert to local controls.
- The IS digital switch can be set to single, group or pattern modes through the DIP and rotary switches found at its rear.

Overview

- The LT3300 is unique in its ability to selectively allow or disallow local control of a load through the use of the IS digital switch or a central host. This capability is useful in places where there are times when the lights are not allowed to be arbitrarily turned on or off, but is allowed to revert to local control at other times. When local control is disallowed, then the IS digital switch or central host can force the load to remain on or off as required.
- Each output channel have corresponding input ports for connecting with both classic switches and infrared switches as a means of local control. This local control is only allowed when the output channel is not being forced on or off from the IS digital switch or central host.

Blinking indicator on the IS digital switch

This means that the LT3300 is under local control.

Local Switches

- Rocker Switches

Changing the switch state toggles the load state, or operate as manual on, auto off. (Depending on bit 8 of the DIP switch)

- Push Buttons

Each button press toggles the load state, or operate as manual on, auto off. (Depending on bit 8 of the DIP switch)

DIP Switch Settings

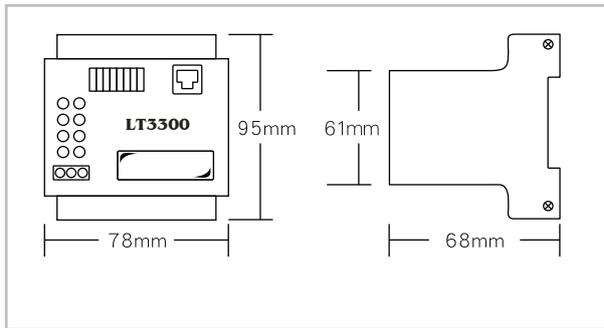
Bit	Description	
1-6	address 1~64 (all off = 64)	
7	ON	Local SW Mode
	OFF	IR Mode
8	ON	Auto-off (DI 1~4)
	OFF	Manual (DI 1~4)

Front Panel and Terminals

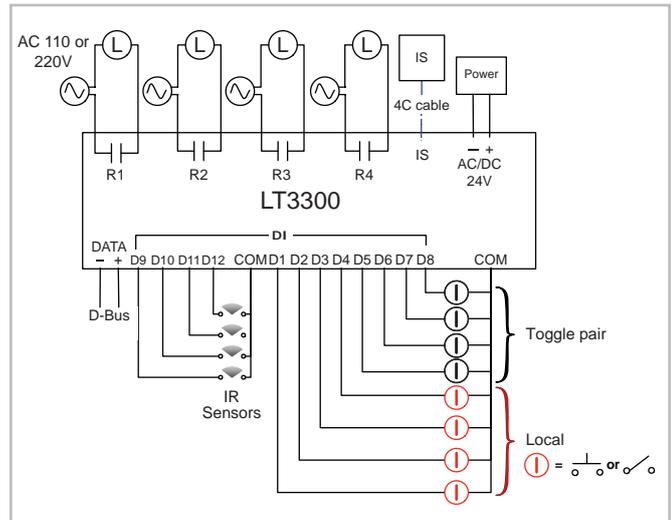
Specifications

Input Power	AC/DC 24V
Input/Output	12 optically isolated inputs 4 outputs with built in 8A relays each
Power Consumption	Standby: 2.3VA, Full load: 5.2VA
Operating Temperature	0 to 60 °C
Operating Humidity	0 to 90%RH (non-condensing)
Weight	252 grams
Enclosure Material	ABS
Mounting	DIN rail
IS switch Interface	RJ11 jack
Device Address	Set using DIP switches
Network Interface	Proprietary D-Bus
Manual Control	4 buttons and LED indicators, one for each relay
Connector Terminals	Output : 8 pin green clamping block 14~24AWG Input : 2 pin black terminal block 16~22AWG 5 pin green pluggable block 16~24AWG 9 pin green pluggable block 16~24AWG
Indicator LEDs	Communication: Rx/Tx; System: Sys
Meet CE Certifications	EN55022 / EN61000-3-2 / EN61000-3-3 / EN55024 EN61000-4-2 / EN61000-4-3 / EN61000-4-4 / EN61000-4-5 EN61000-4-6 / EN61000-4-8"1993 / A1 EN61000-4-11
Meet FCC Certifications	FCC PART 15 Subpart B(10-1-08 Edition), Class B

Dimensions



Wiring Diagram



Local Switch Toggling Behavior

The switches behave in manner similar to 3 way switches used in stairways

Case	Initial State		Switch Action	Relay Result
	Switch	Relay		
1	OFF	ON	OFF->ON	ON->OFF
2	ON	ON	ON->OFF	ON->OFF
3	OFF	OFF	OFF->ON	OFF->ON
4	ON	OFF	ON->OFF	OFF->ON

Ordering

Order Code	Description
LT3300	4 channel selectively enabled addressable relays