



# Smart Lighting Control System

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## Features

- Specially designed for use with curtain motor controllers
- Drives up to 2 curtain motor controllers
- One pair of built in relays for each curtain motor controller
- Each relay has a capacity of 10A
- Each pair of relays operates in sync to insure that only one relay is active at a time.
- 12 dry contact digital inputs for rocker switches
- Connect up to 4 rocker switches for group control
- Connect up to 8 rocker switches for pattern control
- Auto-learning capability for easy group/pattern configuration
- On-board relay control buttons as manual backup with accompanying indicator LEDs


## Applications

- Curtains, blinds and shades for digital homes
- Garage doors
- Roll up doors
- Folding partitions
- Sliding doors
- Awnings
- Showrooms
- Stages

## Operation

When the relay is activated (from either the on board buttons or from a remote IS switch), it closes for 10 seconds to operate the curtain motor controller in one direction. During these 10 seconds, its opposite direction relay pair cannot be activated until the 10 seconds are up.

## DIP Switch Settings

DIP Switch	Description
1 to 6	Device address 1 to 64 (All off = address 64) 
7	reserved, must be set to off
8	reserved, must be set to off



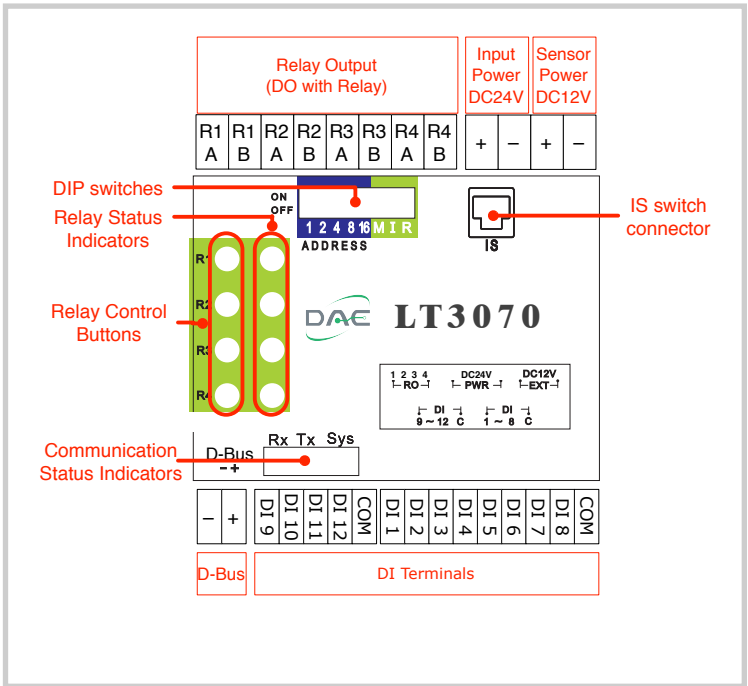
## Overview

The LT3070 is an LTU (load terminal unit) of the SLCS (Smart Lighting Control System) that has been specially designed for curtain controllers.

The LT3070 allows connection of up to two curtain motors. Each curtain motor is controlled by a pair of relays that act in concert to insure that only one relay contact is closed at a time as needed by the motor for proper operation in moving the curtain in only one direction at a time.

The LT3070 also contains 12 DIs for use as mechanical switch inputs. Four of these DIs are used for group mode of operation, while the rest are used for pattern mode of operation.

## Front Panel and Terminals

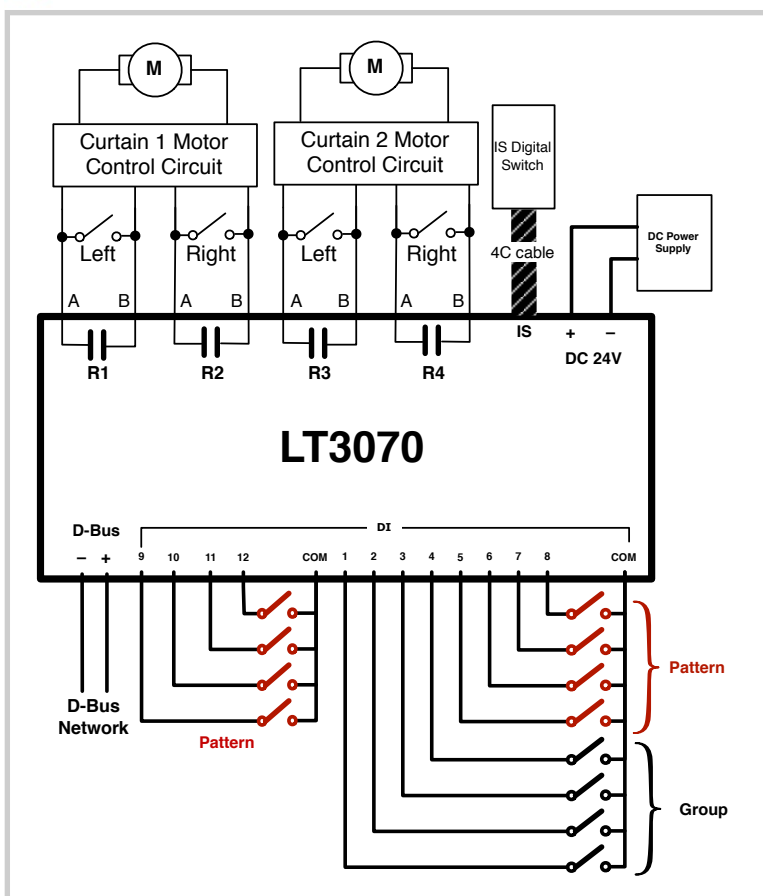


# LT3070

## Specifications

Power Supply	● DC 24V
Output	● 4 differential DOs with built in 10A relays
Power Consumption	● 3.5VA
Output terminals	● 1.5mm <sup>2</sup>
Operating Temperature	● 0 to 60°C
Operating Humidity	● 0 to 90%RH (non-condensing)
Indicators	● Communication Activity: Rx/Tx ● System Normal: Sys
Weight	● 340g
CE Certification	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 / A1EN61000-4-11
FCC Certification	FCC Part 15 Subpart B (10-1-08 Edition), Class B

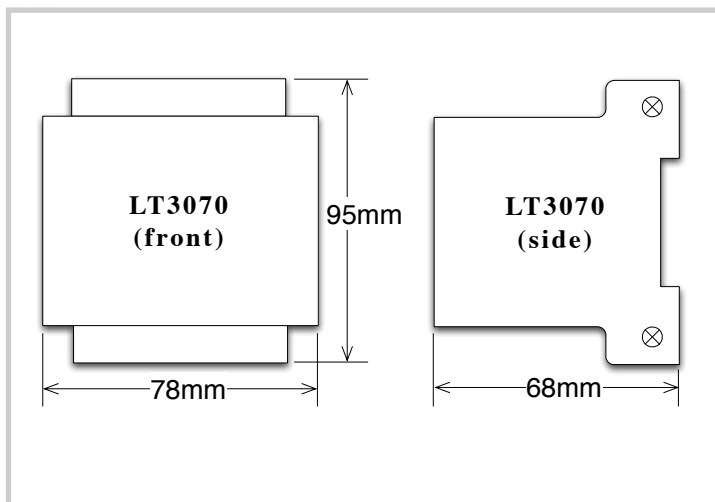
## Wiring Diagram



## Ordering Information

Order Code	Description
LT3070	2-channel paired addressable relays for curtain motor controllers

## Dimensions



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