

AC CONTROLLER

TWO CHANNEL MAINS POWER SWITCH WITH TIMER

The LD2000-A is an electronic switch for the control of mains power to one or two individual loads when used with Lightdream reed sensors.

The controller is equipped with:

- 4 x 3pin sensor inputs
- 4 x DIP switches
- mains power-in connectors
- 2 x mains power-out connectors.

Operation

The LD2000-A is primarily designed for automatic lighting in cabinets with door activation. Reed sensors are installed in joinery carcasses and a magnet is placed in the door. When the reed sensor is in the presence of a magnetic field the reed sensor contacts are closed turning off the power.

Timing

The three RHS DIP switches are used for timing. Eight timer settings provide a range from 10 seconds through to 30 minutes then infinity. When the timer times out the lighting switches off. The timer is reset by closing all doors.

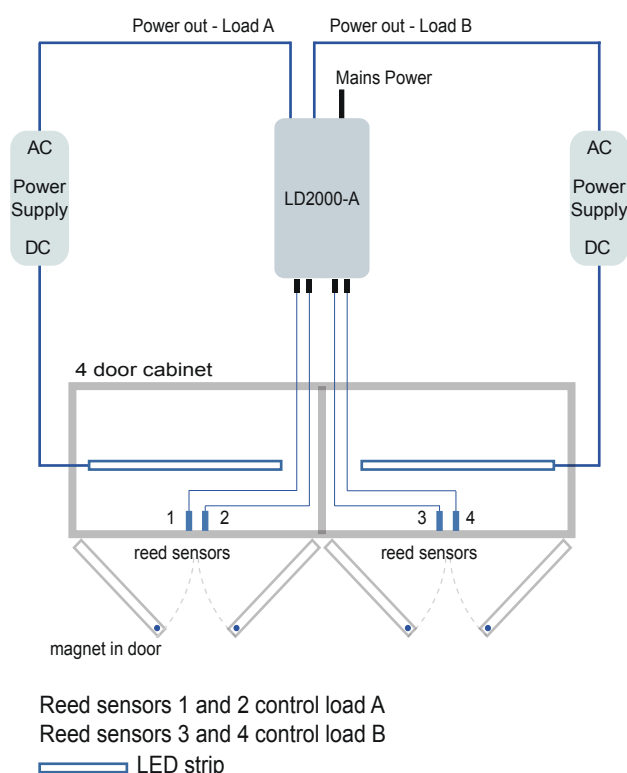
Channels

The LHS DIP switch is used to select one or two output channels. Two channel configuration will allow for two individual loads to be controlled. When configured as a two channel device sensor inputs 1 & 2 control Load A and sensor inputs 3 & 4 control Load B. When configured as a single channel device sensor inputs 1 - 4 control Load A only.

AC Controller, Reed Sensors and Magnets



Typical installation: Four door cabinet with LED strip lighting



AC CONTROLLER	LD2000-A
Input/Output Voltage	115 or 230VAC
Power Outputs	2
Channels	2
Max Load (total)	500W
Switching Method	solid-state
Reed Sensor Inputs	4
Warranty	5 years