

Cargo Light Control

Date datasheet created: 1/12/2016

Intellitec's Cargo Light Control (CLC) Cargo Light Control is designed to control the box lights on service vehicles, trucks, trailers or RV's. It is easy to install, waterproof and provides multi-point switching and uses momentary switches in parallel to turn the lights on and off.

In addition to this convenient on/off function, the CLC offers battery rundown protection from the lights being accidentally left on. If the cargo lights are left on for more than twenty minutes, the CLC will blink the lights at a rate of six to ten times per minute alerting the driver of an impending shut off.

After one further minute, the lights will automatically be turned off, preventing further run down of the battery. If the driver wants to keep the lights on, he/she simply turns the cargo lights on again, allowing another twenty minutes of use. The CLC also includes low battery indication. If the battery voltage falls below 12 volts for a period of two minutes while the lights are on, the lights will blink six to ten times per minute and then shut off.

The CLC is a water proof module, suitable for harsh environments. The electrical connections are made with a Packard Weather pack connector. The CLC is activated by a momentary switch connected to ground. Intellitec offers a companion switch to activate this control. This weather tight super strong switch can be used in applications where washing down the interior of the truck is routinely performed.



Part Number: 00-00712-130(12V)

How It works

Intellitec's Cargo Light Control operates as a multi-point controller by sensing the voltage on the Switch input line. When this voltage drops to zero, as would occur by a momentary switch to ground, the system changes the state of the light either to on or off. This allows as many switches as desired to be used on the system with simple "one wire" and ground connections.

In addition to the multi-point control, the unit includes a timer to automatically shut off the lights in the event the driver forgets. The timer begins its cycle when the lights are turned on. At the end of a twenty minute period, a second timer begins to blink the light six to ten times, alerting the driver the lights are about to go off. If the battery is low ($<12V$), the twenty minute timer is shortened to two minutes. This will alert the driver of the low battery and prevent the lights from further discharging the battery.



**Part Number:
00-01010-000**

Actual Size: 3.56" H X 2.5" W

Cargo Light Control/E

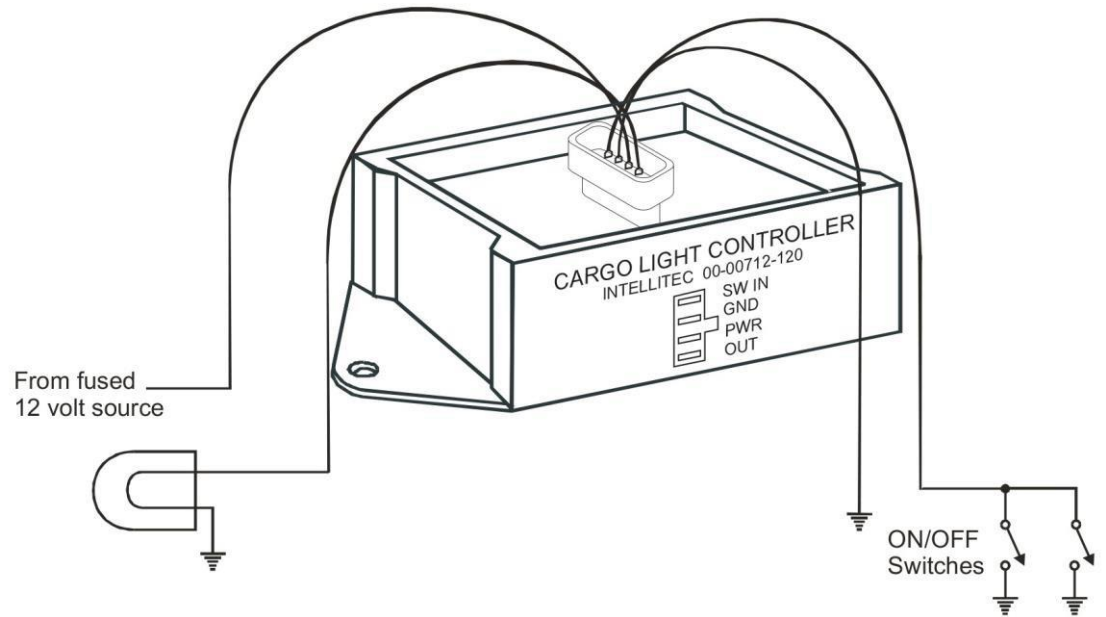
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Typical Wiring Diagram

00-00712-130

Connections

- A - Switch
- B - Ground
- C - Power In
- D - Output



Specifications

Part Numbers	00-00712-130
Nominal Supply Voltage	12 volts
Maximum Continuous Carry Current	10 Amps
Maximum Ambient Temperature	185 Degrees F.
Minimum Ambient Temperature	-40 Degrees F.
Normal Battery Delay Time	20 minutes
Low Battery Delay Time	2 minutes
Approximate Overall Size	4 1/4" X 3-3/4" X 1 3/8" high

For further information on this product,
please contact Intellitec.