

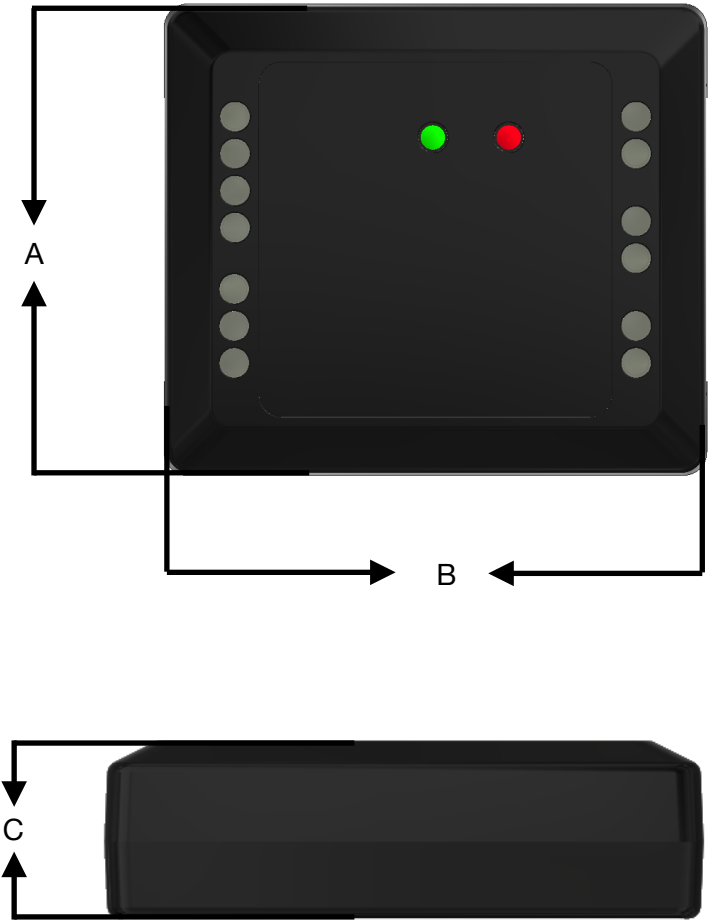


Central Locking System

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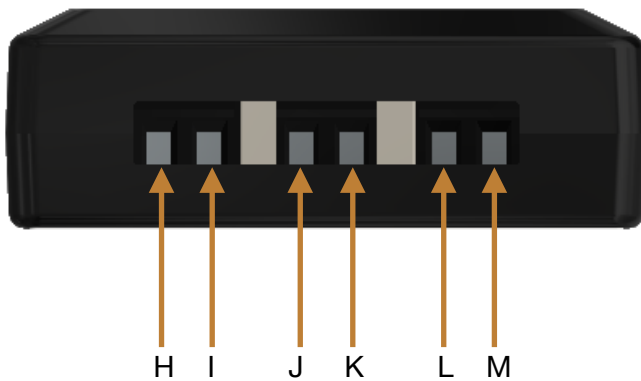
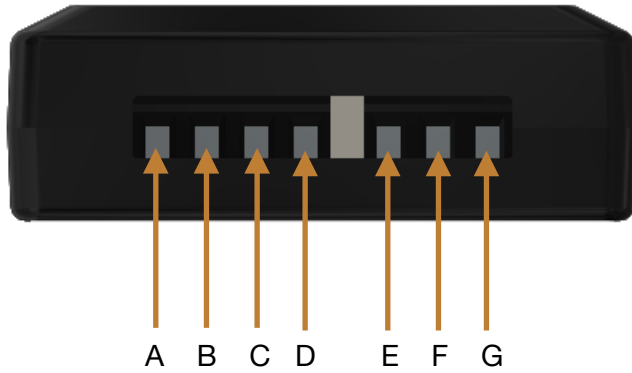
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DIMENSIONS



Measurement	Dimension (inch)
A	2.5
B	2.9
C	0.38

PORT FUNCTIONS



Port	Description
A	VOLTAGE IN
B	GROUND
C	SWITCH IN
D	+LED
E	GROUND
F	LOCK IN
G	UNLOCK IN
H	UNLOCK OUT
I	LOCK OUT
J	OUTPUT
K	OUTPUT COMMON
L	GROUND
M	VOLTAGE OUT

EBERHARD
[ENGINEERED : ACCESS : SOLUTIONS]

12V+ OUT


GROUND

OUTPUT

OUTPUT COM

LOCK OUT

UNLOCK OUT



12V+ IN

GROUND


SWITCH IN

SWITCH LED+

GROUND

LOCK IN

UNLOCK IN

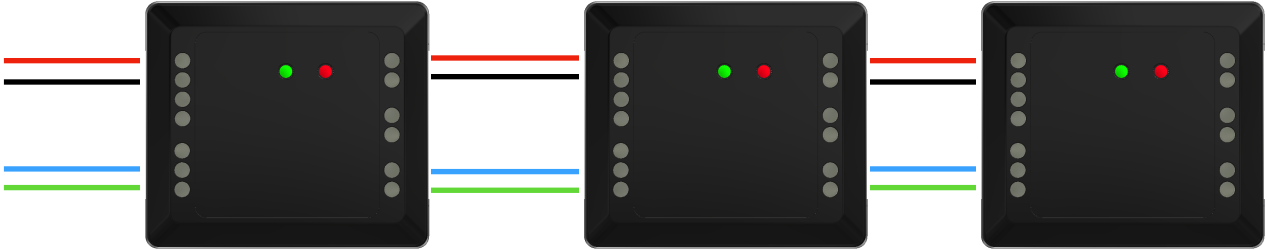


WARNING
ELECTRIC SHOCK
HAZARD.

P/N: LNL-72-00411 REV: 1.0
 CENTRAL LOCKING CONTROL SYSTEM
 EBERHARD MANUFACTURING CO.
 PATENT PENDING

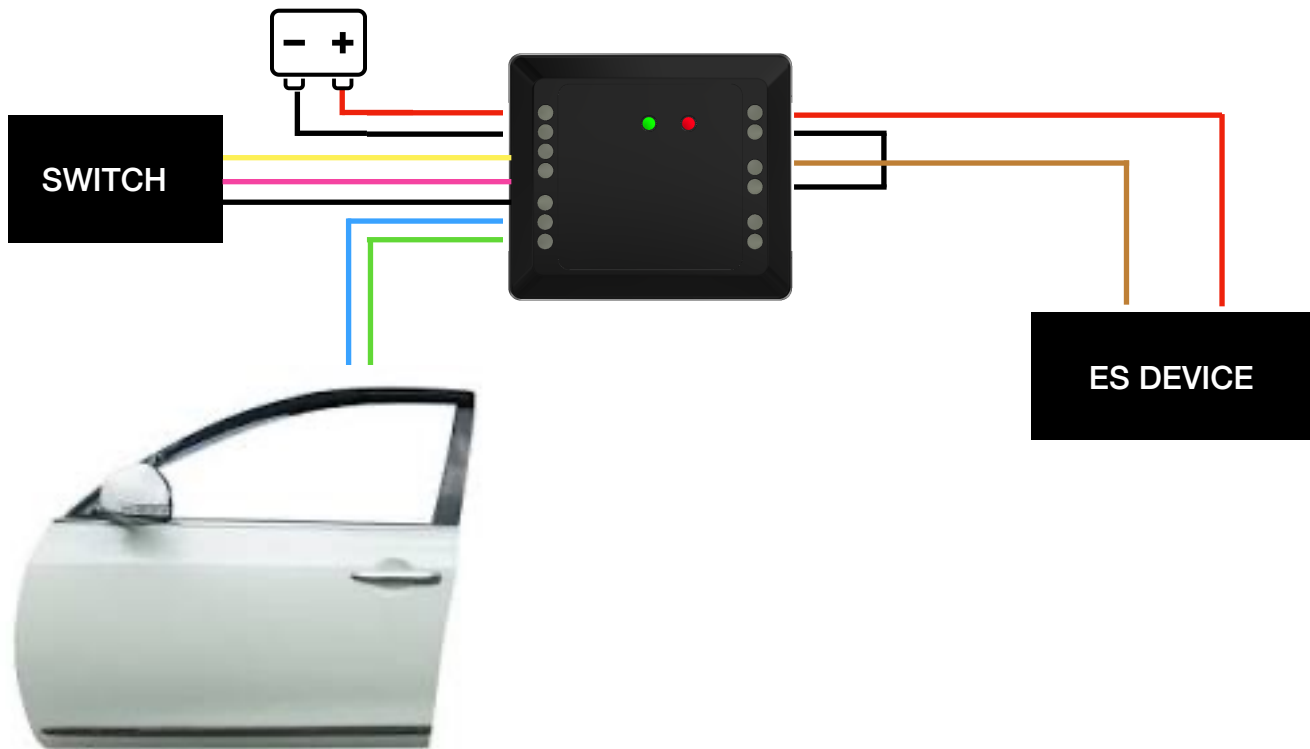
DAISY CHAINING

Attached multiple control units without having to pull multiple runs. Provides benefit for separate input controls.



Wire Color	Description
Red	VOLTAGE IN/OUT
Black	GROUND IN/OUT
Blue	LOCK IN/OUT
Green	UNLOCK IN/OUT

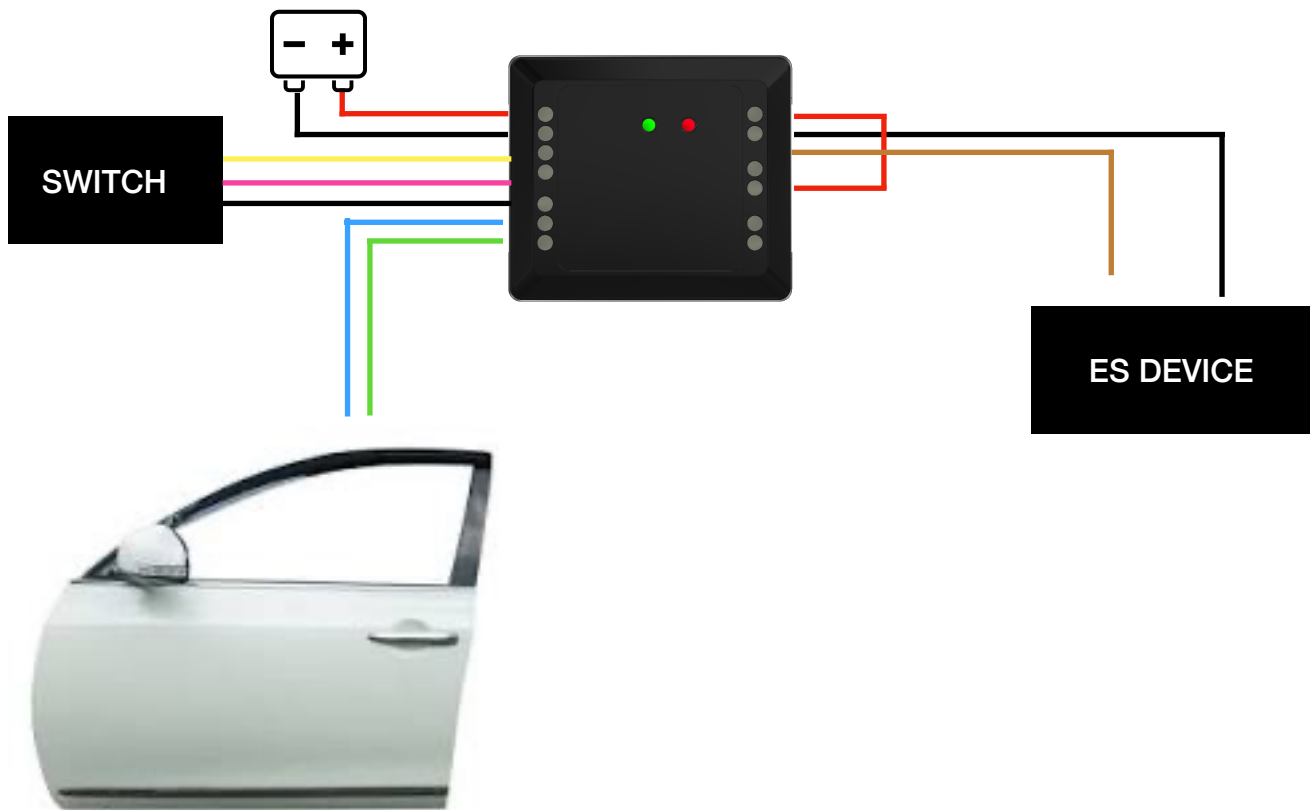
EXAMPLE WIRING - COMMON GROUND



Wire Color	Description
Red	12+ VOLTAGE IN/OUT
Black	GROUND IN/OUT
Blue	LOCK IN*
Green	UNLOCK IN*
Brown	OUTPUT
Yellow	SWITCH IN
Pink	OPTIONAL: LED +

*For lock and Unlock wires on your vehicle make and model. Please contact your vehicle manufacturer or refer to the Eberhard Vehicle wiring diagram at www.eberhard.com/emtechsupport

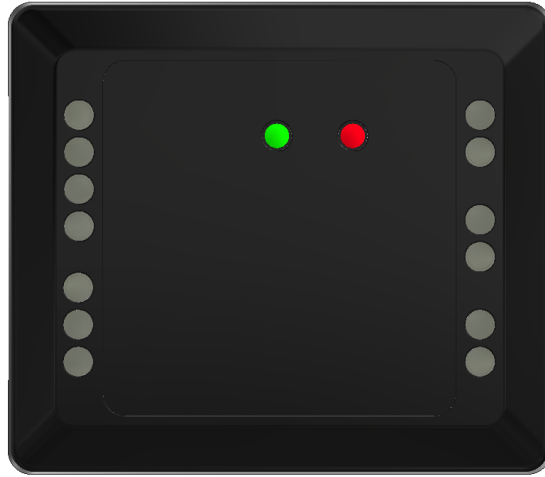
EXAMPLE WIRING - COMMON +12 VDC





Wire Color	Description
Red	12+ VOLTAGE IN/OUT
Black	GROUND IN/OUT
Blue	LOCK IN*
Green	UNLOCK IN*
Brown	OUTPUT
Yellow	SWITCH IN
Grey	GROUND
Pink	OPTIONAL: LED +

*For lock and Unlock wires on your vehicle make and model. Please contact your vehicle manufacturer or refer to the Eberhard Vehicle wiring diagram at www.eberhard.com/emtechsupport

OPERATION



LED	ON	OFF
	POWER ON	POWER OFF
	SYSTEM UNLOCKED	SYSTEM LOCKED

SYSTEM UNLOCKED:

Switch input is enabled, Optional LED output for switch is ON. Pulling switch input to ground will turn on output.

SYSTEM LOCKED:

Switch input is disabled, Optional LED output for switch is OFF.

TECHNICAL SPECIFICATIONS

ELECTRICAL

Central Locking	
Input/Output Voltage	9-14 VDC
Input Current	Up to 100mA
LED + Voltage/Current	Source/20mA
Output Current	Up to 30 A
Standby Current	20 mA

ENVIRONMENTAL

Central Locking Controller	
Operating Temperature	-40°C to 80°C (-4°F to 176°F)
Operating Humidity (RH)	95%

REGULATORY



