



EBERHARD[®]
[ENGINEERED : ACCESS : SOLUTIONS]



ELECTRONIC ROTARY LATCHES



LINEAR MOTION DEVICES



ES/EM POWER MODULES



CONTROLLERS



ACTIVATORS



ELECTRO-MECHANICAL DEVICES



ELECTRO-MECHANICAL

PRODUCT CATALOG 2023

EBERHARD MANUFACTURING

Established in 1877, The Eberhard Manufacturing Company is a global leader in the engineering and manufacturing of access & security hardware. We have a standard product line of rotary latches, compression latches, draw latches, hinges, cam locks, key switches, padlocks, and handles to name a few. We also offer full development and program management services for custom electromechanical and mechanical systems designed for specific OEM's and customer applications. Our products are found in an expansive range of applications and products globally, virtually unnoticed in our everyday lives. Typically, you are never more than 6 feet from one of our solutions.

The Eberhard Manufacturing Company is a registered ISO9001:2015 and ISO14001:2015 company based in Strongsville, Ohio. Our core manufacturing capabilities are in die-casting, injection molding, stamping, machining and final assembly. Our passion for engineering drives us forward. Developing new products to meet our customer's design challenges is our main objective. Adding haptics and functionality to our products ultimately supports our customer's brand equity and increases the value of their end products.

Eberhard is a division of The Eastern Company (Nasdaq stock ticker EML).

Eberhard registered trademarks referenced: Eberhard®, Power Up®, i-Lock®, i-Beam®, and Load N Lock® (LNL).

LOCATIONS

USA

Corporate/Manufacturing

Eberhard Manufacturing Company
21944 Drake Road
Strongsville, OH 44149-9712

Sales & Engineering

Eberhard Manufacturing Company
3930 N Ventura Drive
Arlington Heights, IL 60004

CHINA

Manufacturing

Eberhard – Dongguan
Building 13, No. 199 Pulong Road, Tangxia Town
Shenzhen Shi Guangdong Sheng Dongguan City,
Guangdong Province 523719, China

Manufacturing

Eberhard – Eastern Industrial, Ltd. (Shanghai)
20 Lane 2248 Liuxiang Road
Shanghai, China 201801

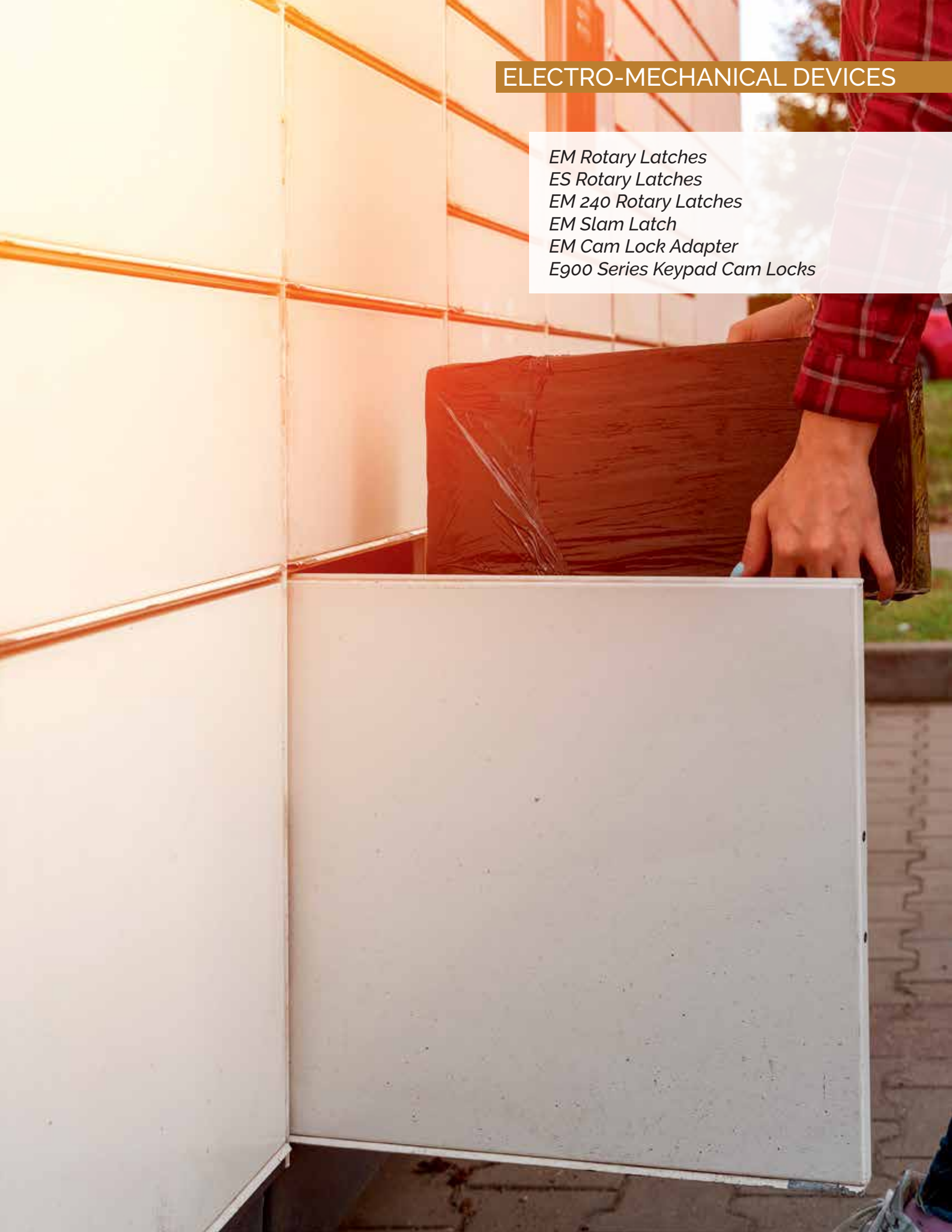
MEXICO

Manufacturing

Eberhard – Reynosa
Villas del Parque, 88780 Reynosa,
Tamaulipas, Mexico

ELECTRO-MECHANICAL DEVICES

EM Rotary Latches
ES Rotary Latches
EM 240 Rotary Latches
EM Slam Latch
EM Cam Lock Adapter
E900 Series Keypad Cam Locks



17241 SERIES

EM ELECTRONIC ROTARY LATCH



FEATURES

- Integrated mechanical release
- Industry standard mounting hole locations
- Mounting: 1/4" thru hole, m6 or 1/4-20 thread
- i-Lock Blue/Bluetooth® compatible
- Spring activated plunger option
- Internal relay option
- Electrical motor based system
- RoHS compliant
- REACH compliant

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 9-24V
 OPERATING CURRENT: 250mA
 STALL CURRENT: <500mA

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 750 lbs.
 STRIKER SIZE: .375"
 RESPONSE TIME: 500ms
 OPERATION: 12V signal pulse, Bluetooth®
Does not meet FMVSS206

MATERIAL SPECIFICATIONS

LATCH: Steel, fluorocarbon
 CASE: Zinc plated steel

ENVIRONMENTAL SPECIFICATIONS

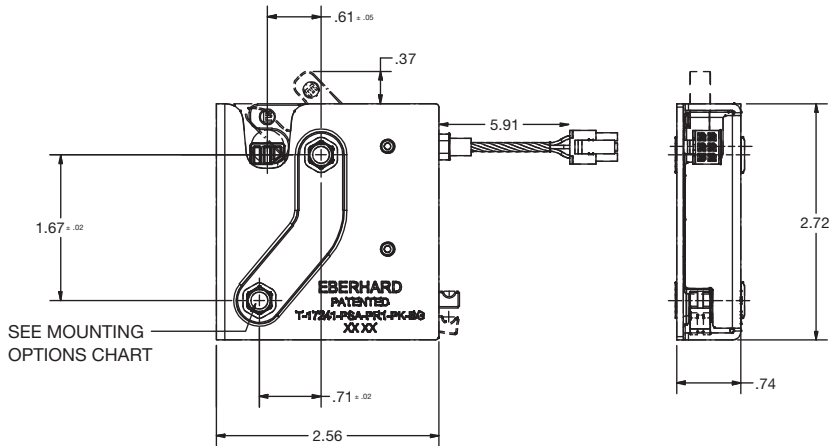
OPERATING TEMPERATURE RANGE:
 -20°C to 70°C
 HUMIDITY: 95%

OPTIONS

Bare wire, 20 gauge, Molex® Micro-Fit (6 pin),
 relay – closed and/or open position,
 integrated spring plunger, single or dual stage

CERTIFICATIONS

RoHS – all, REACH – EU, FCC – USA



Recommended strikers: #240-52U-25, #LNL-77E-00627 and #1-16645-PK-64.



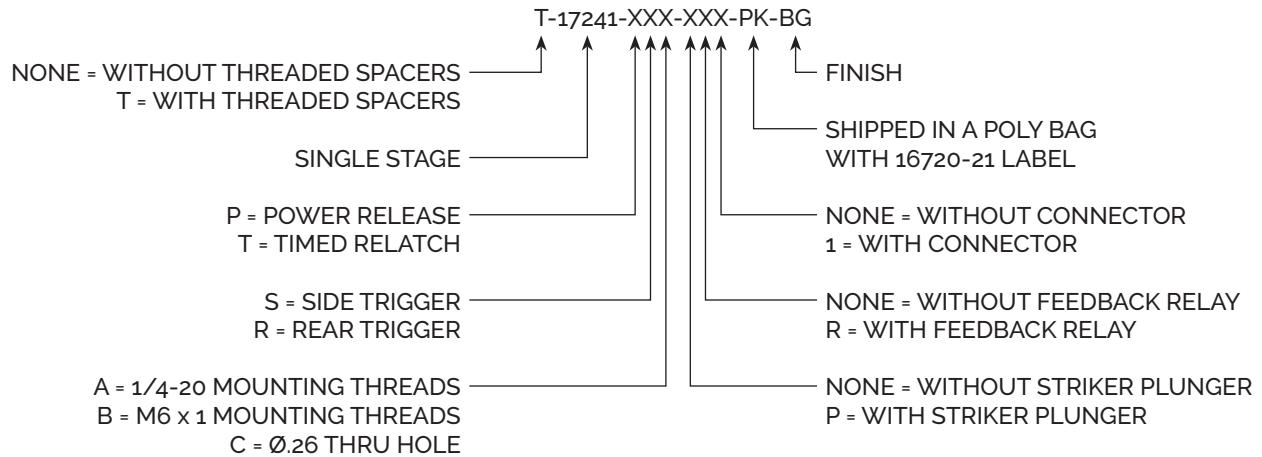
17241 SERIES

EM ELECTRONIC ROTARY LATCH

| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/SENSOR | STRIKER PLUNGER |
|-----------------------|--------|--------------|----------------|---------------|--------------|-----------|-----------------|-----------------|
| T-17241-PSA-PR1-PK-BG | Single | Electrical | Side | (2) 1/4"-20 | .375" | Micro-Fit | Yes | Yes |
| T-17241-PSB-PR1-PK-BG | Single | Electrical | Side | (2) M6 x 1.0 | .375" | Micro-Fit | Yes | Yes |
| 17241-PSC-PR1-PK-BG | Single | Electrical | Side | (2) 1/4" thru | .375" | Micro-Fit | Yes | Yes |
| T-17241-PRA-PR1-PK-BG | Single | Electrical | Rear | (2) 1/4"-20 | .375" | Micro-Fit | Yes | Yes |
| T-17241-PRB-PR1-PK-BG | Single | Electrical | Rear | (2) M6 x 1.0 | .375" | Micro-Fit | Yes | Yes |
| 17241-PRC-PR1-PK-BG | Single | Electrical | Rear | (2) 1/4" thru | .375" | Micro-Fit | Yes | Yes |

Product can be supplied with or without connectors, based on application needs.

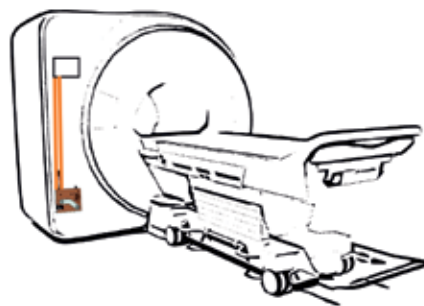
PART NUMBER LEGEND



INSTALLATION



OPTION 1
5-Wire Activation with Feedback Sensor
Power +/-, Activation Signal
Feedback Sensor NO/C



OPTION 2
2-Wire Activation
Power +/- (Requires 2 Second Pulse)



OPTION 3
Bluetooth Activation
Power +/- on Transmitter
Power +/- on EM Rotary Latch

77E SERIES

ES COMPACT – ELECTRONIC ROTARY LATCH



FEATURES

- Integrated mechanical release (2 locations)
- Universal thru hole mounting
- Solenoid based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V

MAX CURRENT DRAW: 3A

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 200 lbs.

STRIKER SIZE: .12"

RESPONSE TIME: 30ms (DC12V)

OPERATION: Pulse

Does not meet FMVSS206

MATERIAL SPECIFICATIONS

HOOK/CATCH: A3 plated steel

LOCK STRIKE: Stainless steel

CASE: Black electro-coated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-20°C to 80°C

HUMIDITY: 95%

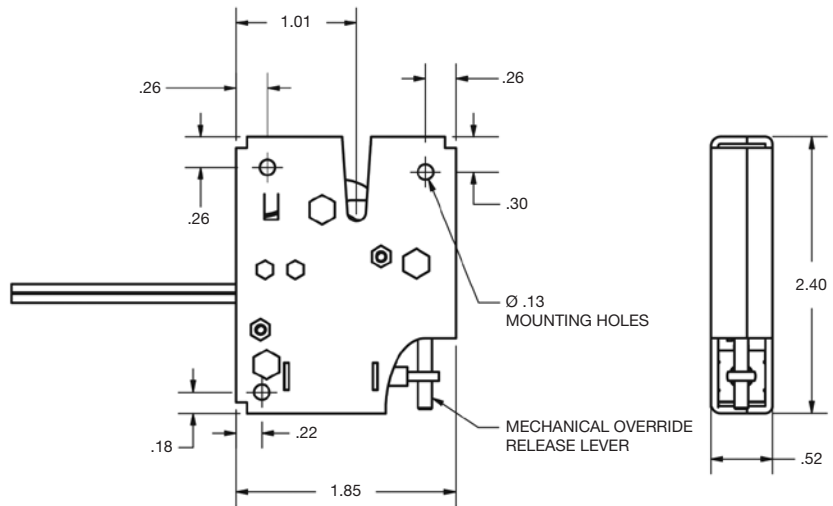
ENDURANCE (FULL CYCLES): ≥200,000 times

OPTIONS

Bare wire, single stage

CERTIFICATIONS

RoHS, UL



Recommended strikers: #LNL-77E-24STRK and #LNL-77E-29STRK.



| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/ SENSOR | STRIKER PLUNGER |
|----------------|--------|--------------|----------------|-------------------|--------------|-----------|------------------|-----------------|
| LNL-77E-4761-3 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | Yes | No | No |
| LNL-77E-4761-5 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | No | No | No |

77E SERIES

ES MEDIUM – ELECTRONIC ROTARY LATCH



FEATURES

- Integrated mechanical release (2 locations)
- Universal thru hole mounting
- Internal sensor – closed position (option)
- Solenoid based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V

MAX CURRENT DRAW: 3A

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 500 lbs.

STRIKER SIZE: .12"

RESPONSE TIME: 30mS (DC12V)

OPERATION: Pulse

Does not meet FMVSS206

MATERIAL SPECIFICATIONS

HOOK/CATCH: A3 plated steel

LOCK STRIKE: Stainless steel

CASE: Black electro-coated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-20°C to 80°C

HUMIDITY: 95%

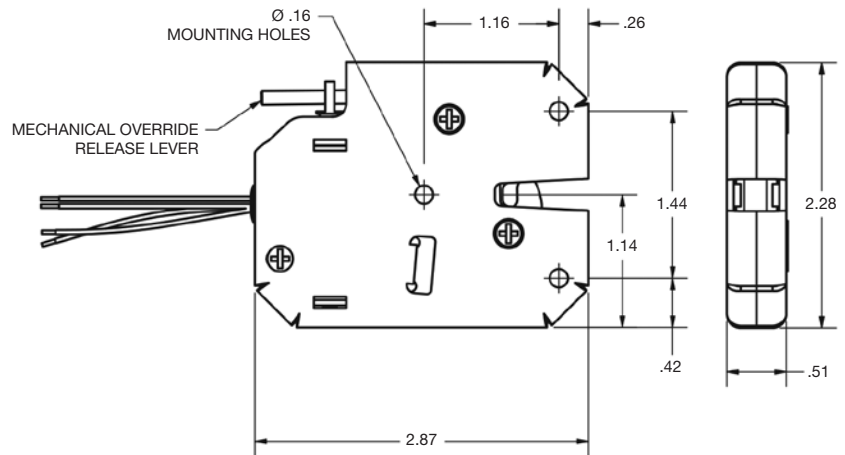
ENDURANCE (FULL CYCLES): ≥200,000 times

OPTIONS

Bare wire, internal switch – closed position, integrated spring plunger, single stage

CERTIFICATIONS

RoHS, UL



Recommended strikers: #LNL-77E-24STRK and #LNL-77E-29STRK.



| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/ SENSOR | STRIKER PLUNGER |
|-----------------|--------|--------------|----------------|-------------------|--------------|-----------|------------------|-----------------|
| LNL-77E-5873-73 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | Yes | No | No |
| LNL-77E-5873-75 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | No | No | No |
| LNL-77E-5873-93 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | Yes | Yes | No |
| LNL-77E-5873-95 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | No | No | No |

77E SERIES

ES HEAVY-DUTY – ELECTRONIC ROTARY LATCH



FEATURES

- Integrated mechanical release (2 locations)
- Universal thru hole mounting
- Integral spring push rod (option)
- Internal sensor – closed position (option)
- Solenoid based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V

MAX CURRENT DRAW: 3A

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 600 lbs.

STRIKER SIZE: .12"

RESPONSE TIME: 30ms (DC12V)

OPERATION: Pulse

Does not meet FMVSS206

MATERIAL SPECIFICATIONS

HOOK/CATCH: A3 plated steel

LOCK STRIKE: Stainless steel

CASE: Black electro-coated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-20°C to 80°C

HUMIDITY: 95%

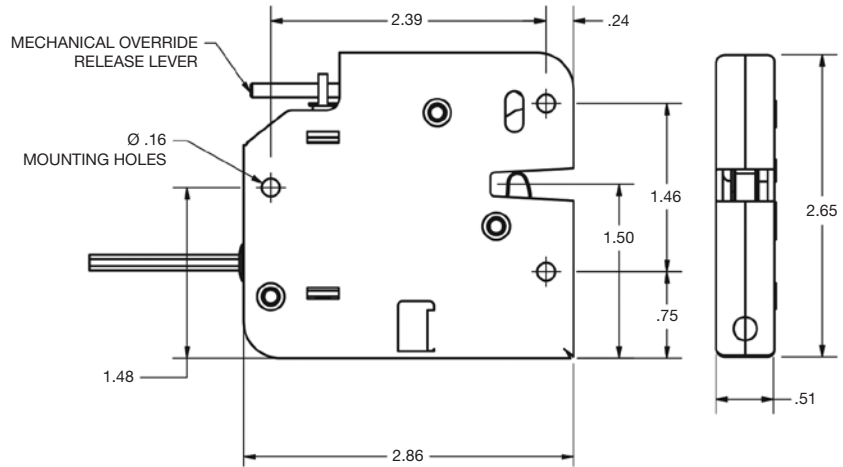
ENDURANCE (FULL CYCLES): ≥200,000 times

OPTIONS

Bare wire, internal switch – closed position, integrated spring plunger, single stage

CERTIFICATIONS

RoHS, UL



Recommended strikers: #LNL-77E-24STRK and #LNL-77E-29STRK.



| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/ SENSOR | STRIKER PLUNGER |
|-----------------|--------|--------------|----------------|-------------------|--------------|-----------|------------------|-----------------|
| LNL-77E-6772-75 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | Yes | No | No |
| LNL-77E-6772-74 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | No | No | No |
| LNL-77E-6772-93 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | Yes | Yes | No |
| LNL-77E-6772-95 | Single | Electrical | Rear | (3) 1/8" thru/tap | .12" | No | No | No |

16240 SERIES

EM 240 POWER ROTARY LATCH



FEATURES

- Mechanical release, based on 240 rotary latch
- Eberhard® 240 Series rotary mounting locations
- Mounting: 1/4" thru hole, m6 or 1/4-20 thread
- Internal switch option
- Electrical motor based system
- RoHS compliant

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 9V-12V
 OPERATING CURRENT: 1.5A
 STALL CURRENT: 2.5A

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 750 lbs.
 STRIKER SIZE: .375"
 RESPONSE TIME: 600ms
 OPERATION: FWD polarity 600mS,
 REV polarity 600mS

Does not meet FMVSS206

MATERIAL SPECIFICATIONS

LATCH: Steel, fluorocarbon
 CASE: Zinc plated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
 -40°C to 80°C
 HUMIDITY: 95%

SPRING RATE

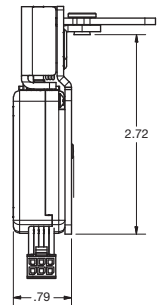
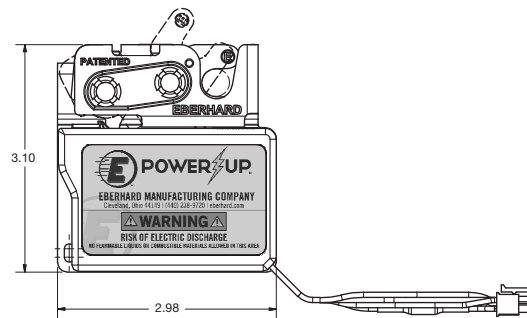
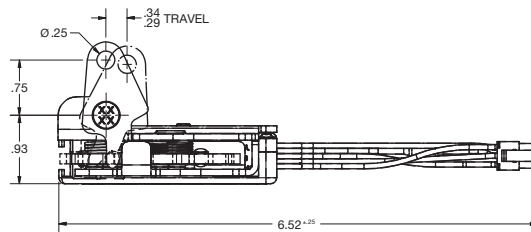
LATCH: .410 in.-lbs. unlatched position
 PAWL: .471 in.-lbs. actuated position
 SPRING: Color coded white

OPTIONS

Bare wire, Molex® Micro-Fit (6 pin), internal switch – closed and/or open position, single or dual stage

CERTIFICATIONS

RoHS – all



Recommended strikers: #240-52U-25, #LNL-77E-00627 and #1-16645-PK-64.



| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/ SENSOR | STRIKER PLUNGER |
|-----------------|--------|--------------|----------------|---------------|--------------|-----------|------------------|-----------------|
| 1-16241-NTAL-BG | Single | Electrical | LH Side | (2) 1/4" thru | .375" | Yes | No | No |
| 1-16240-NTAL-BG | Dual | Electrical | LH Side | (2) 1/4" thru | .375" | Yes | No | No |

16240 SERIES

EM 240 POWER-UP ROTARY LATCH – V2



FEATURES

- Mechanical release, based on 240 rotary latch
- Eberhard® 240 Series rotary mounting locations
- Mounting: 1/4" thru hole, m6 or 1/4-20 thread
- i-Lock Blue/Bluetooth® compatible (optional)
- Motor control required
- Internal relay option
- Electrical motor based system
- RoHS compliant
- REACH compliant

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 9-12V

OPERATING CURRENT: 250mA

STALL CURRENT: <500mA

ACTUATION SPECIFICATIONS

TRANSVERSE LOAD: 750 lbs.

STRIKER SIZE: .375"

RESPONSE TIME: 500mS

OPERATION: FWD polarity 500mS,
REV polarity 500mS

Does not meet FMVSS206

MATERIAL SPECIFICATIONS

LATCH: Steel, fluorocarbon

CASE: Zinc plated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
-40°C to 80°C

HUMIDITY: 95%

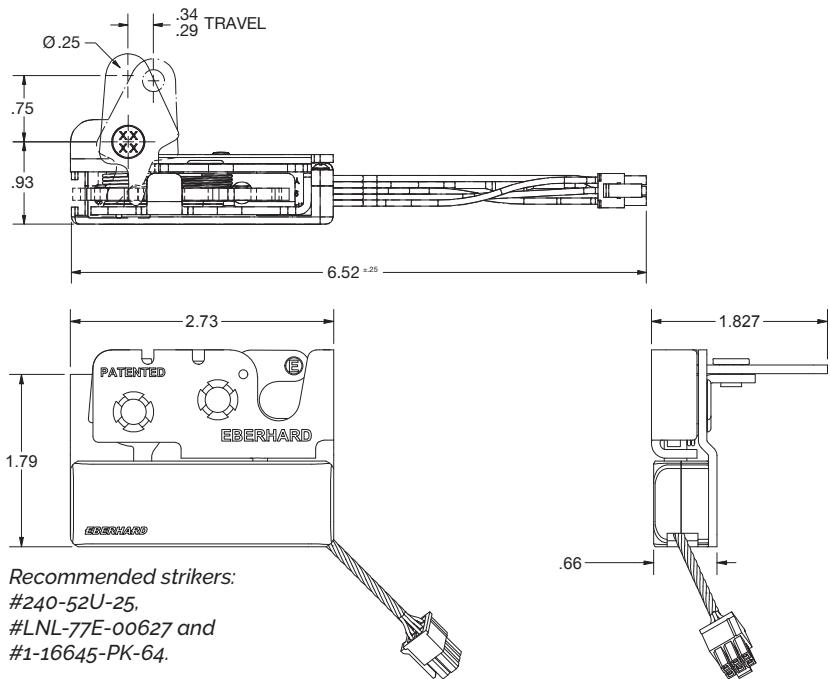
ENDURANCE (FULL CYCLES): ≥70,000 times

OPTIONS

Bare wire, 20 gauge, Molex® Micro-Fit (6 pin),
internal switch – closed and/or open
position, single or dual stage

CERTIFICATIONS

RoHS – all, REACH – EU, FCC – USA



| PART # | STAGE | RELEASE TYPE | MANUAL TRIGGER | MOUNTING | STRIKER SIZE | CONNECTOR | FEEDBACK/ SENSOR | STRIKER PLUNGER |
|-----------------|--------|--------------|----------------|---------------|--------------|-----------|------------------|-----------------|
| 2-16241-NTAL-BG | Single | Electrical | LH Side | (2) 1/4" thru | .375" | Yes | No | No |
| 2-16240-NTAL-BG | Dual | Electrical | LH Side | (2) 1/4" thru | .375" | Yes | No | No |

ROTARY LATCH OPTIONS



LINEAR ACTUATOR MOUNTING KITS (SEE LINEAR ACTUATORS PAGES 17-18 FOR SPECIFICATIONS)



Mechanical rotary latches also have power adaptable capabilities by installing our linear actuators.

INTERNAL/INTEGRATED SENSOR/LIMIT SWITCH OPTIONS



Sensors and limit switches can be added to our standard line of mechanical rotary latches to indicate open/close state of latch.

E904 SERIES

EM SLAM LATCH



FEATURES

- Based on Eberhard® 4597 slam bolt mounting
- Manual override
- i-Lock Blue/Bluetooth® compatible (optional)
- Motor control required
- Spring load options
- Electrical motor based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V nominal, 9-16V range

STALL CURRENT: <850mA @ 12V

FULL LOAD CURRENT: <120mA

ACTUATION SPECIFICATIONS

OPERATION: FWD polarity 1.7S,
REV polarity 1.7S

MATERIAL SPECIFICATIONS

PLUNGER: POM, black

SLIDE CASE: Steel, black electro-coated

MOTOR HOUSING: Zinc diecast, black electro-coated

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
-20°C to 70°C

HUMIDITY: 5-95% RH

IP RATING: IP66

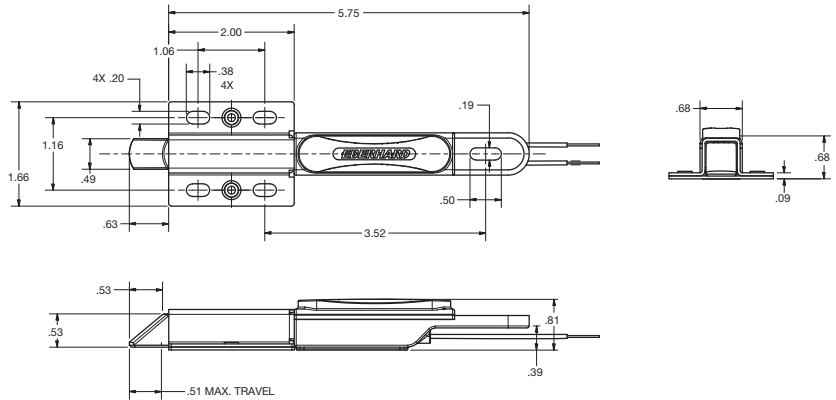
ENDURANCE (FULL CYCLES): ≥70,000 times

OPTIONS

Bare wire, 20 gauge

CERTIFICATIONS

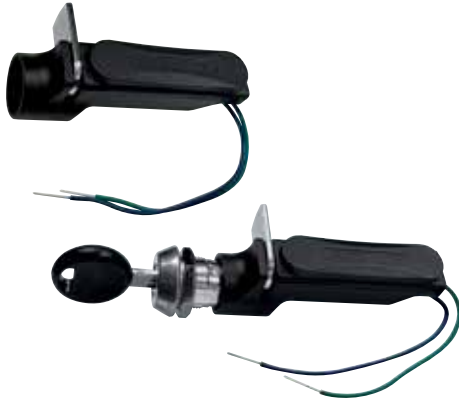
RoHS



| PART # | RETRACT FORCE | MANUAL PULL FORCE | MOUNTING | BLUETOOTH® (OPTIONAL) |
|-----------|---------------|-------------------|------------|-----------------------|
| E904V1B | 2.5 lbs. | 2.5 lbs. | Horizontal | No |
| EBX904V1B | 2.5 lbs. | 2.5 lbs. | Horizontal | Yes |

E905 SERIES

EM CAM LOCK ADAPTER



FEATURES

- Make any standard cam lock electronic with our electronic cam lock adapter
- Installs with single screw on back of cam, maintains cam lock function
- i-Lock Blue/Bluetooth® compatible (optional)
- Motor control required
- Electrical motor based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V nominal, 9-16V range

STALL CURRENT: <500mA @ 12V

FULL LOAD CURRENT: <240mA

ACTUATION SPECIFICATIONS

OPERATION: FWD polarity 300mS,
REV polarity 300mS

MATERIAL SPECIFICATIONS

MOTOR HOUSING: Zinc diecast, black electro-coated

CAM: Zinc plated steel

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
-20°C to 70°C

HUMIDITY: 5-95% RH

IP RATING: IP66

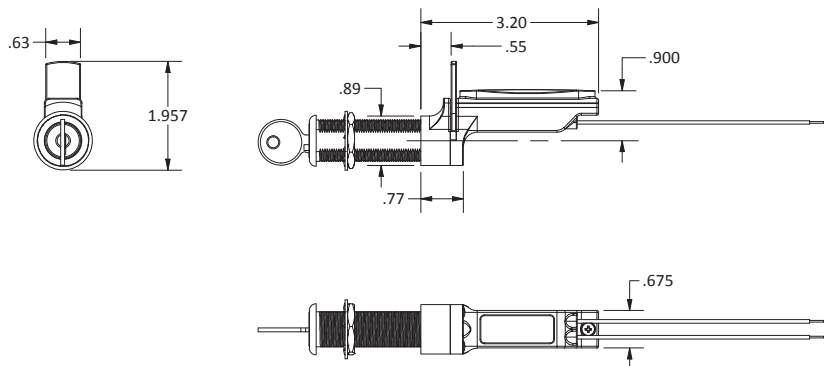
ENDURANCE (FULL CYCLES): ≥90,000 times

OPTIONS

Bare wire, 20 gauge

CERTIFICATIONS

RoHS



| PART # | ROTATION | MOUNTING | BLUETOOTH® (OPTIONAL) |
|-----------|----------|------------|-----------------------|
| E905V1S | 90° | Horizontal | No |
| EBX905V1S | 90° | Horizontal | Yes |

E901 SERIES

i-LOCK ELECTRONIC KEYPAD CAM LOCK



FEATURES

- 4 button keypad
- Horizontal or vertical mounting options
- Battery backup (CR2032)
- Low battery alarm
- Connector for external AC supply (micro USB)
- 1-8 digit passcode available
- Serial numbered for traceability

SPECIFICATIONS

POWER SPECIFICATIONS

BATTERY: 3V CR2032

OPTIONAL: Micro-USB

MATERIAL SPECIFICATIONS

HOUSING: ABS, silver

CAM: Stainless steel

ENVIRONMENTAL SPECIFICATIONS

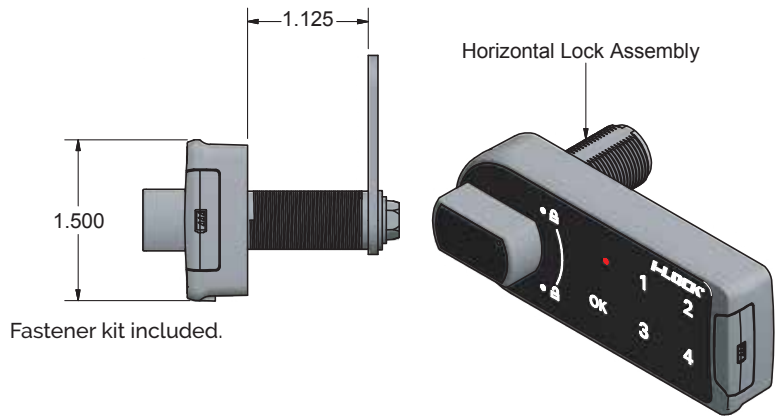
OPERATING TEMPERATURE RANGE:

-25°C to 65°C

HUMIDITY: 10-95% RH

OPTIONS

Clutch knob, straight cam



Fastener kit included.



| PART # | KEYPAD | MOUNTING | MODE |
|---------|----------|------------|----------|
| E901RSS | 4 button | Horizontal | Standard |
| E901R1S | 4 button | Horizontal | One-Time |
| E901VSS | 4 button | Vertical | Standard |
| E901V1S | 4 button | Vertical | One-Time |

E902 SERIES

I-LOCK ELECTRONIC KEYPAD CAM LOCK



FEATURES

- 10 button keypad
- Horizontal or vertical mounting options
- Battery backup (CR2032)
- Low battery alarm
- Connector for external AC supply (micro USB)
- 1-15 digit passcode available
- Clutch knob
- Blue backlight buttons
- Serial numbered for traceability

SPECIFICATIONS

POWER SPECIFICATIONS

BATTERY: 3V CR2032

OPTIONAL: Micro-USB

MATERIAL SPECIFICATIONS

HOUSING: Zinc alloy diecast, silver

CAM: Stainless steel

ENVIRONMENTAL SPECIFICATIONS

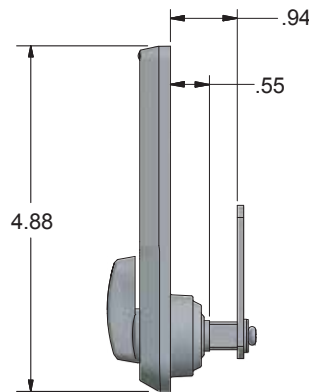
OPERATING TEMPERATURE RANGE:

-25°C to 65°C

HUMIDITY: 10-95% RH

OPTIONS

Connecting rod cam, straight cam



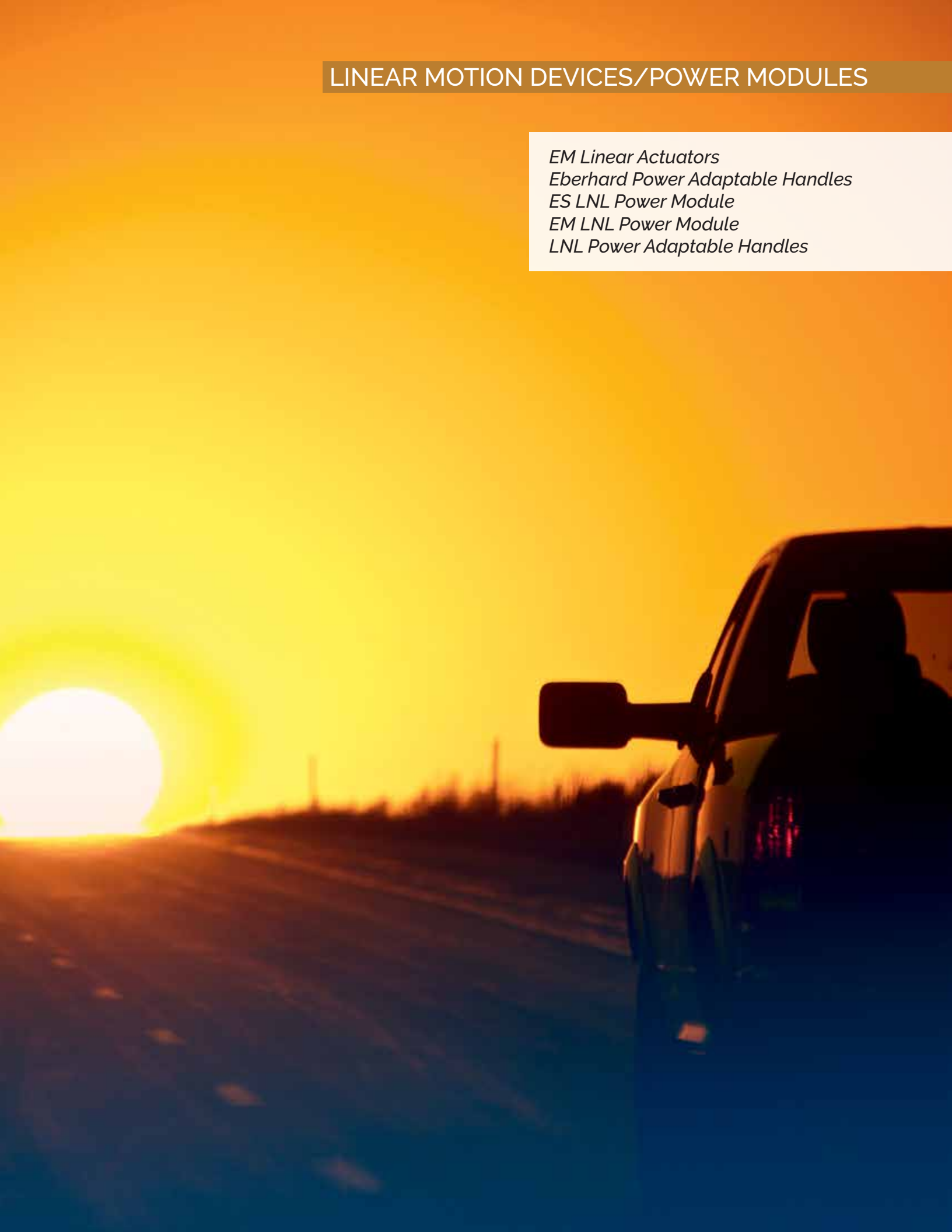
Fastener kit included.



| PART # | KEYPAD | MOUNTING | MODE |
|---------|-----------|------------|----------|
| E902RSS | 10 button | Horizontal | Standard |
| E902R1S | 10 button | Horizontal | One-Time |
| E902VSS | 10 button | Vertical | Standard |
| E902V2S | 10 button | Vertical | One-Time |

LINEAR MOTION DEVICES/POWER MODULES

EM Linear Actuators
Eberhard Power Adaptable Handles
ES LNL Power Module
EM LNL Power Module
LNL Power Adaptable Handles



16720 SERIES

EM LINEAR ACTUATOR



FEATURES

- Universal thru mounting holes
- Standard industry mounting
- Thermal overload protection on motor
- Electrical motor based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V

STALL CURRENT: 4.5A +/- 10%

FULL LOAD CURRENT: 1.2A±10%

MOTOR: Equipped with 12V thermal protection

ACTUATION SPECIFICATIONS

ACTUATING FORCE: >6kgs

ACTUATION TRAVEL: 21mm

OPERATION: FWD polarity 500mS,
REV polarity 500mS

MATERIAL SPECIFICATIONS

HOUSING: ABS, black

PLUNGER: POM, white

ENVIRONMENTAL SPECIFICATIONS

ENDURANCE (UP AND DOWN): ≥201,500 times

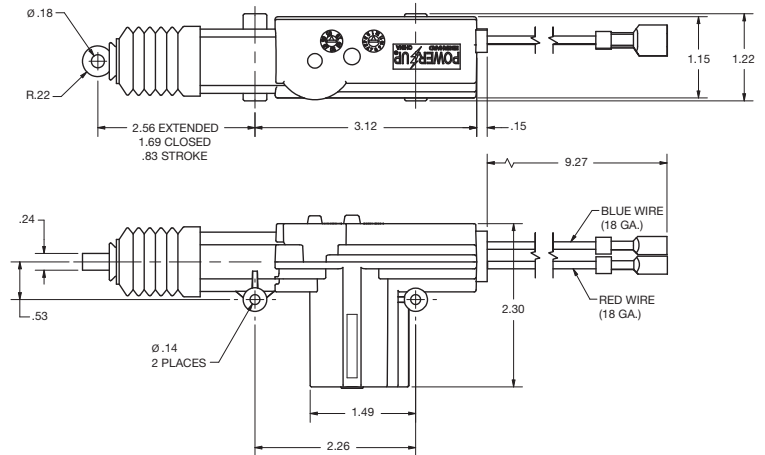
OPERATING TEMPERATURE RANGE:
-40°C to 80°C

WIRING OPTIONS

Deutsch connector, bare wire, 18 gauge

CERTIFICATIONS

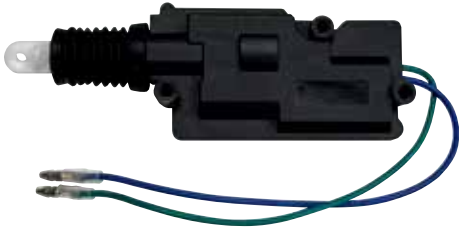
CE, IPX3



PART #

16720-1-PK-01

16952 SERIES EM LINEAR ACTUATOR



SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V nominal, 9-16V range

FULL LOAD CURRENT: <2A @ 15V

MOTOR: Equipped with 12V thermal protection

ACTUATION SPECIFICATIONS

ACTUATING FORCE: 4.5kgs

ACTUATION TRAVEL: 21mm

OPERATION: FWD polarity 500mS,

REV polarity 500mS

MATERIAL SPECIFICATIONS

HOUSING: ABS, black

PLUNGER: POM, white

ENVIRONMENTAL SPECIFICATIONS

ENDURANCE (UP AND DOWN): ≥30,000 times

STROKE: 21mm

OPERATING TEMPERATURE RANGE:

-30°C to 85°C

WIRING OPTIONS

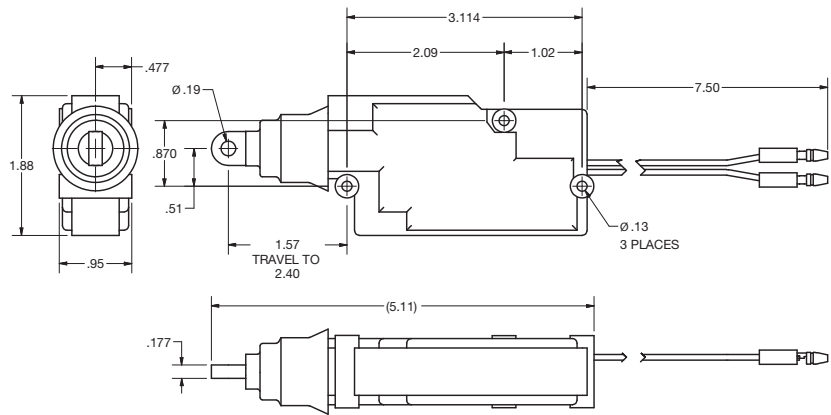
Bullet connectors, bare wire, 18 gauge

CERTIFICATIONS

CE, IPX3

FEATURES

- Universal thru mounting holes
- Thermal overload protection on motor
- Reduced housing size compared to 16720



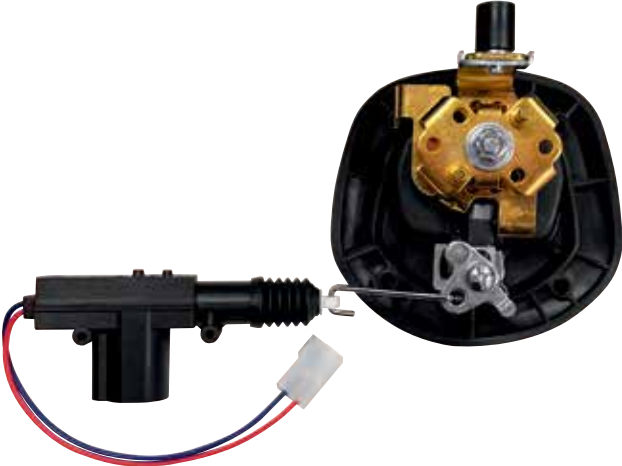
PART #

16952-01

EM LINEAR ACTUATORS

POWER ADAPTABLE HANDLES

Eberhard® EM Linear Actuators work with these series of handles. Additional brackets and linkages required.



PADDLE HANDLES

T-HANDLES



9872 SERIES



7940 SERIES



3691 SERIES



28400 SERIES

D-RINGS

PULL HANDLES



9000 SERIES



90320 SERIES



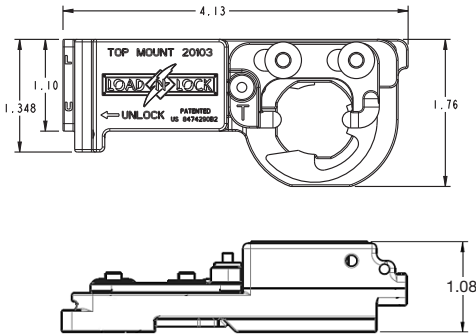
21100 SERIES



31100 SERIES

LOAD N LOCK SERIES

ES POWER MODULES



FEATURES

- Dedicated power module for LNL handle series
- Top and bottom mounting options
- Sealed housing
- Install with E-Clip
- Solenoid based system

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 13V
 CURRENT DRAW: 2.2A
 PEAK: 3.8A +/- 10%

ENERGIZING SPECIFICATIONS

ENERGIZING FORCE: 2 lbs +/- .100 lbs
 LATCHING FORCE: 1 lbs +/- .25 lbs
 ACTUATION TRAVEL: .180"
 OPERATION: FWD pulse 30mS,
 REV pulse 30mS

MATERIAL SPECIFICATIONS

HOUSING: ABS, black

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
 -30°C to 65°C
 STROKE: .180" travel
 ENDURANCE (FULL CYCLES):
 ≥ 1,000,000 times

OPTIONS

Spade quick connector

CERTIFICATIONS

RoHS, UL

POWER SPECIFICATIONS

VOLTAGE: 12V
 CURRENT DRAW: 2A
 PEAK: 4.2A +/- 10%

ENERGIZING SPECIFICATIONS

ENERGIZING FORCE: 2 lbs +/- .100 lbs
 LATCHING FORCE: 1 lbs +/- .25 lbs
 ACTUATION TRAVEL: .180"
 OPERATION: FWD pulse 30mS,
 REV pulse 30mS

MATERIAL SPECIFICATIONS

HOUSING: ABS, black

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
 -30°C to 65°C
 STROKE: .180" travel
 ENDURANCE (FULL CYCLES):
 ≥ 1,000,000 times

OPTIONS

Spade quick connector

CERTIFICATIONS

RoHS, UL



| TOP MOUNT PART # |
|---------------------|
| LNL-72-20103 |
| BOTTOM MOUNT PART # |
| LNL-72-20101 |

| TOP MOUNT PART # |
|---------------------|
| LNL-72-00651 |
| BOTTOM MOUNT PART # |
| LNL-72-00652 |

Parts are kitted with harnesses and hardware.

LOAD N LOCK SERIES

EM POWER MODULE



FEATURES

- Dedicated power module for LNL handle series
- Seal housing
- Installed with E-Clip
- Electrical motor based system
- i-Lock Blue/Bluetooth® compatible (optional)
- Motor control required

SPECIFICATIONS

POWER SPECIFICATIONS

VOLTAGE: 12V nominal, 9-16V range
 STALL CURRENT: <500mA @ 12V
 FULL LOAD CURRENT: <240mA

ENERGIZING SPECIFICATIONS

ACTUATION TRAVEL: .180"
 OPERATION: FWD pulse 230mS,
 REV pulse 230mS

MATERIAL SPECIFICATIONS

HOUSING: ABS, black

ENVIRONMENTAL SPECIFICATIONS

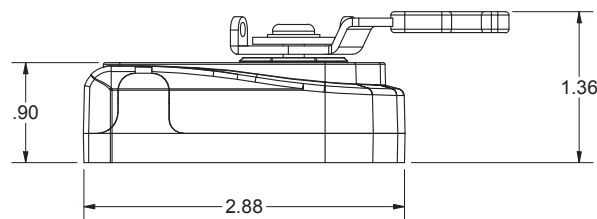
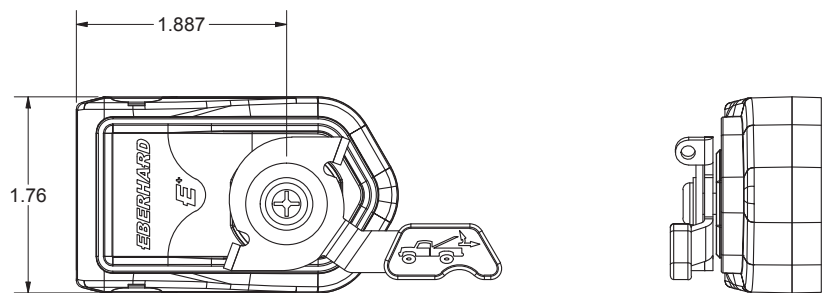
OPERATING TEMPERATURE RANGE:
 -20°C to 70°C
 HUMIDITY: 5-95% RH
 ENDURANCE (FULL CYCLES):
 ≥ 70,000 times

OPTIONS

Bare wire, 20 gauge

CERTIFICATIONS

RoHS



PART #

LNL-72-21007

LNL HANDLE SERIES

ES/EM POWER MODULES – HANDLE OPTIONS

LNL mechanical handles are designed and built to be power adaptable. The power module can be installed by the OEM or as aftermarket addition.



TEAR-DROP HANDLES



#LNL-70-00585



#LNL-70-01475

T-SHAPE HANDLES



#LNL-70-00655



#LNL-70-00775



#LNL-70-02475

LEVER HANDLES



#LNL-70-01760



#LNL-70-01780



#LNL-70-22180

*RF vs Bluetooth®
i-Lock Blue Controller
i-Beam Transmitter
RF Controllers*

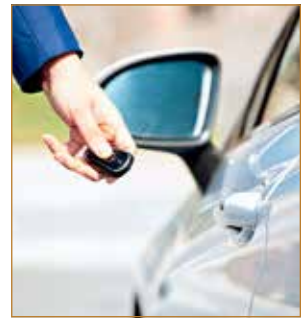


WIRELESS INFORMATION

| | RADIO FREQUENCY CONTROL (RF) | BLUETOOTH® |
|-------------------------|------------------------------|--|
| Frequency | 303 MHz/433 MHz | 2.4 GHz |
| Range | Longer range: up to 150 feet | Shorter range: 30-70 feet |
| Data Rate | Up to 2 Kbps | Up to 5 Mbps |
| Control | Key fob control | Cell phone controlled and pairing of componentry |
| Power | >12mA for RF radios | 6mA for Bluetooth® radios |
| Communication Direction | One way | Two way |
| Security | Rolling code transmission | End to end encryption |

RADIO FREQUENCY TECHNOLOGY

An affordable technology that provides longer and usable range compared to Bluetooth®. The technology consists of an RF remote transmitter (such as a key fob) and a receiver (control box.) A control signal is transmitted from the remote side to the receiver in the form of messages over electromagnetic radio waves. The signal is received at the control box end and is interpreted to determine an action. The RF signal is not an end to end encrypted communication, however can be secured using a rolling code which changes with every transmission.



BLUETOOTH® TECHNOLOGY

Bluetooth® allows devices to communicate with each other peer to peer without cables or wires. Bluetooth relies on short-range radio frequency, and any device that incorporates the technology can communicate if it is within the required distance. The technology is an electronics standard which means manufacturers can include all features in their personal devices such as smart phones. These specifications ensure that the devices can recognize and interact with other devices that all use Bluetooth technology. Once a connection is made, the connection is locked, secured, and encrypted end to end between devices. Bluetooth also allows for meshing the wireless signals. It uses other Bluetooth devices within range that can relay communications to reach devices that are out of range of the origin device.



i-LOCK BLUE CONTROL SYSTEM CONTROLLER



SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source such as vehicle/machine power

LOW POWER CONSUMPTION MODE: Draws 6mA of continuous electrical current in standby mode

COMMUNICATION

2.4 GHz RF BLUETOOTH® 4.0: Multi user connectivity; other devices in system connect via Bluetooth®

i-LOCK BLUE APP: iOS; Android OS

OUTPUTS

3 INDIVIDUAL OUTPUTS

6VDC – 12VDC (+/- 10%)

OUTPUT CURRENT: 9A peak, 4.5A continuous, per output

Output can be programmed to device specification types via app

INPUTS

2 INPUTS: Via push button or other normally open switching device

3.3V SUPPLY USED FOR LED ILLUMINATION: Voltage supply turned on when connected device is in range

OUTPUT CONTROL: Multi-button press responses; multi-output control (set up via app)

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE: -20°C to 80°C ~95% RH

CERTIFICATIONS

RoHS



FEATURES

- i-Lock Blue/Bluetooth® control system, connects to Android™ and iPhone app for setup and controlling
- 12VDC power
- LED indicator; pairing and battery life (if connected)
- 3 outputs, 2 inputs
- Discreet connectors on outputs/inputs
- Can pair with multiple devices in the i-Lock series of products

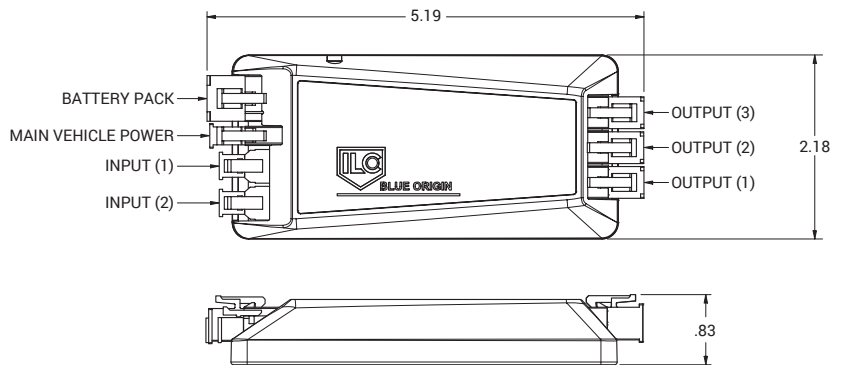
SYSTEM OPTIONS

INPUT:

- i-Beam
- LED button switch
- Foot swipe sensor

OUTPUT:

- Locking power module
- Linear powered rotary latch
- Electronic rotary latch
- LED light



| PART # | DESCRIPTION |
|------------|------------------------------|
| EBX800-010 | i-Lock Blue control module |
| EBX800-018 | Lithium battery pack charger |
| EBX800-019 | 12V power adapter |

i-LOCK BLUE i-BEAM CONTROLLER



i-Beam pairs with i-Lock Blue to transmit signal from vehicle door (or other device) to i-Lock Blue to activate devices that are connected to the outputs on i-Lock Blue.

SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source such as vehicle/machine power

COMMUNICATION

2.4 GHz RF BLUETOOTH® 4.0:

Wirelessly connects to other i-Lock accessories; i-Lock Blue

i-LOCK BLUE APP: iOS; Android OS

OUTPUTS

SENDS BLUETOOTH® ACTIVATION SIGNAL TO CONNECTED i-LOCK DEVICES

INPUTS

READS SIGNAL FROM OEM KEY FOB ACTIVATION LOCK/UNLOCK:

Unlock signal from door actuator; lock signal from door actuator

ENVIRONMENTAL SPECIFICATIONS

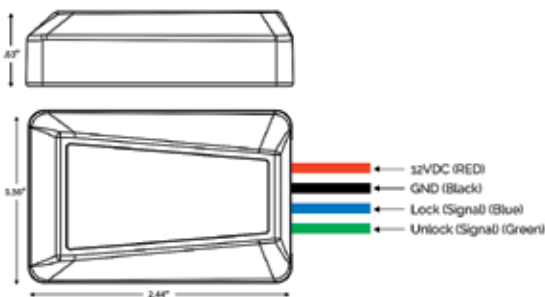
OPERATING TEMPERATURE RANGE:

-20°C to 80°C ~95% RH

CERTIFICATIONS

RoHS

| PART # |
|------------|
| EBX800-011 |



i-LOCK BLUE SERIES APP



Control the i-Lock Blue family of products only by Eberhard®

i-Lock Blue 2.0

- Available on the App Store
- Google Play - Coming Soon



FEATURES

- All new user interface
- Control more wired devices on i-Lock Blue controllers
- Personalize names for your devices or controllers
- Add multiple i-Lock controllers and/or devices to your app
- Enhanced security
- Control the new EM Rotary Latch
- Allows for a push button input to release multiple devices with a single click
- App branding: Allows for other manufacturers to brand the app utilizing the i-Lock technology

433 Hz RF CONTROL SYSTEM

LOAD N LOCK



FEATURES

- 433 Hz RF control system
- (2) 3 button key fobs
- 12VDC power
- 1 output, 2 inputs paired
- Gang style plug

SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source, such as vehicle/machine power

LOW POWER CONSUMPTION MODE: Draws 12mA of electrical current in standby mode

COMMUNICATION

433 MHz RADIO FREQUENCY (RF): Communication with up to 3 total paired key fobs (range up to 60 ft.)

OMNIDIRECTIONAL ANTENNA

OUTPUTS

1 OUTPUT SPLIT TO 2 + 1 LED

12VDC (+/- 10%): Max amp draw (20A peak, 4.5A continuous) per output

OUTPUT OPERATIONAL TIMING SEQUENCE: 500 mS pull, 500 mS push, off

LED OPERATIONAL TIMING SEQUENCE: On/off; turns off in 5 minutes

INPUTS

2 INPUTS PAIRED WITH OUTPUTS

INPUT SIGNALS DEFAULTED TO HIGH 12VDC: Low setting available via jumper

INPUT 1: Output all

INPUT 2: Output controlled by key fob

DISABLE: Turns off all outputs when on

ENVIRONMENTAL SPECIFICATIONS

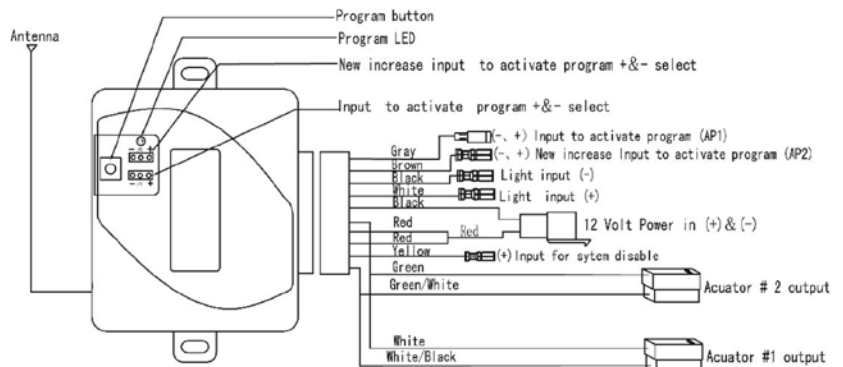
OPERATING TEMPERATURE RANGE: -20°C to 80°C ~95% RH

OPTIONS

Includes 2 key fobs

CERTIFICATIONS

RoHS



| PART # | DESCRIPTION |
|--------------|---------------------------|
| LNL-72-00901 | RF Controller with 2 keys |
| LNL-72-01901 | Key fobs |

433 Hz RF CONTROL SYSTEM

i-LOCK



FEATURES

- 433 Hz RF control system
- (2) 4 button key fobs
- 12VDC power
- 4 outputs, 2 inputs, paired
- Discreet connectors for outputs/inputs
- Programmed for auto relock (optional)

SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source, such as vehicle/machine power

LOW POWER CONSUMPTION MODE: Draws 12mA of electrical current in standby mode

COMMUNICATION

433 MHz RADIO FREQUENCY (RF):
Communication with up to 3 total paired key fobs (range up to 60 ft.)

ROLLING SECURITY CODE PAIRING

OMNIDIRECTIONAL ANTENNA

OUTPUTS

3 INDIVIDUAL OUTPUTS + 1 LED
(2 PIN MOLEX CONNECTORS)

12VDC (+/- 10%)

OUTPUT CURRENT: 20A per output

OUTPUT OPERATIONAL TIMING SEQUENCE:
500 mS pull, 500 mS push, off

LED OPERATIONAL TIMING SEQUENCE:
On/off; turns off in 5 minutes

INPUTS

2 INPUTS PAIRED WITH OUTPUTS

INPUT SIGNALS DEFAULTED TO HIGH 12VDC:
Ground (-) signal available via jumper

INPUT 1: Key fob input to output

INPUT 2: Output all + LED

DISABLE: Turns off all outputs when on

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
-20°C to 80°C ~95% RH

IP RATING: IP42 when installed in horizontal position

OPTIONS

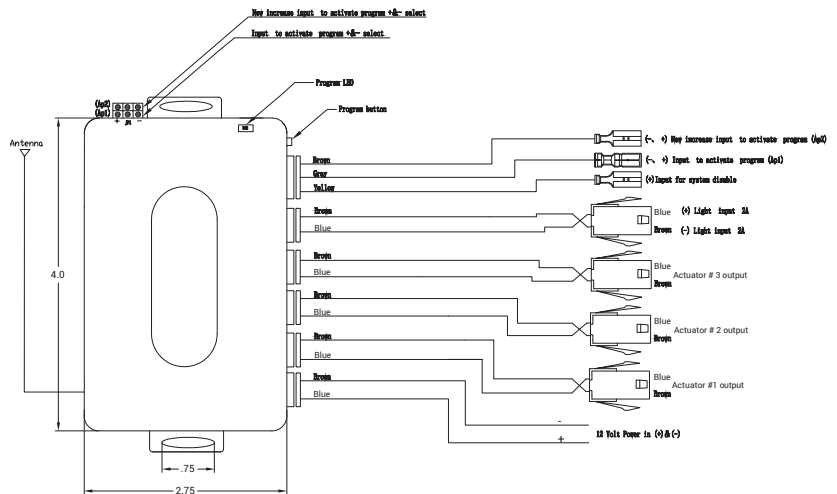
Includes 2 key fobs

CERTIFICATIONS

LNL-72-00912: IP42

LNL-72-01912: IC-ID – Canada,
C-Tick – AUS/New Zealand, FCC – USA

RoHS



| PART # | DESCRIPTION |
|--------------|---------------------------|
| LNL-72-00910 | RF Controller with 2 keys |
| LNL-72-01910 | Key fobs |

303 Hz RF CONTROL SYSTEM POWER-UP



FEATURES

- 303 Hz RF control system
- (2) 4 button key fobs
- 12VDC power
- 1 output for devices/1 output for LED

SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source, such as vehicle/machine power

LOW POWER CONSUMPTION MODE: Draws 15mA of electrical current in standby mode

PASS THRU OUTPUT POWER: 40A peak per output

COMMUNICATION

303 MHz RADIO FREQUENCY (RF): Communication with up to 4 total paired key fobs (range up to 150 ft.)

ROLLING SECURITY CODE PAIRING

OMNIDIRECTIONAL ANTENNA

OUTPUTS

1 INDIVIDUAL OUTPUT + 1 LED: Multiple devices daisy chained together; up to 16 devices with special cable

12VDC (+/- 10%): Max amp draw (40A peak) per output

OUTPUT OPERATIONAL TIMING SEQUENCE: 500 mS pull, 500 mS push, off

LED OPERATIONAL TIMING SEQUENCE: On/off

INPUTS

KEY FOB

LOCK/UNLOCK WIRE

ENVIRONMENTAL SPECIFICATIONS

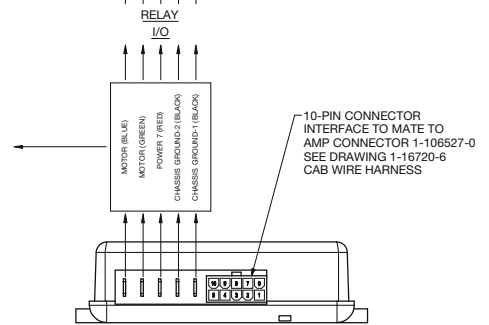
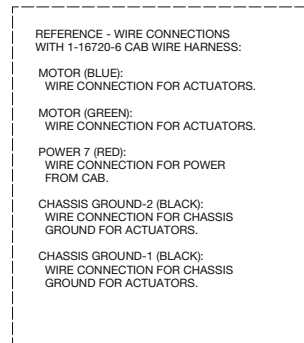
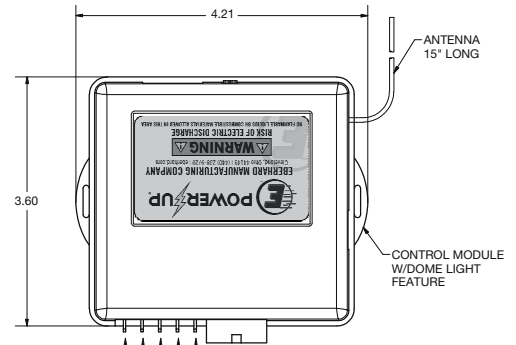
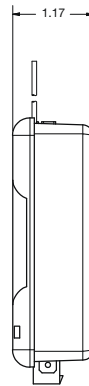
OPERATING TEMPERATURE RANGE: -20°C to 80°C ~95% RH

OPTIONS

Includes 2 key fobs

CERTIFICATIONS

FCC – USA, RoHS



| PART # | DESCRIPTION |
|-----------------|---------------------------|
| 1-16720-50PK-01 | RF Controller with 2 keys |
| 16720-5-01 | Key fobs |

433 Hz RF CONTROL SYSTEM POWER-UP PLUS



FEATURES

- 433 Hz RF control system
- (2) 4 button key fobs
- 12VDC power
- Programmed for siren and/or light function

SPECIFICATIONS

POWER SPECIFICATIONS

12VDC OPERATION: Constant power source, such as vehicle/machine power

LOW POWER CONSUMPTION MODE: Draws 15mA of electrical current in standby mode

PASS THRU OUTPUT POWER: 40A peak per output

COMMUNICATION

433 MHz RADIO FREQUENCY (RF): Communication with up to 3 total paired key fobs (range up to 100 ft.)

ROLLING SECURITY CODE PAIRING

OMNIDIRECTIONAL ANTENNA

OUTPUTS

1 INDIVIDUAL OUTPUT + 1 LED + SIREN: Multiple devices daisy chained together; up to 16 devices with special cable

12VDC (+/- 10%): Max amp draw (40A peak) per output

OUTPUT OPERATIONAL TIMING SEQUENCE: 500 mS pull, 500 mS push, off

LED OPERATIONAL TIMING SEQUENCE: On/off

INPUTS

KEY FOB

LOCK/UNLOCK WIRE

OPTIONS

Includes 2 key fobs

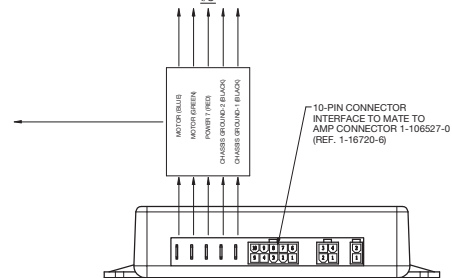
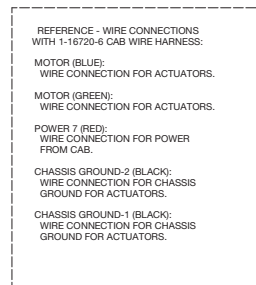
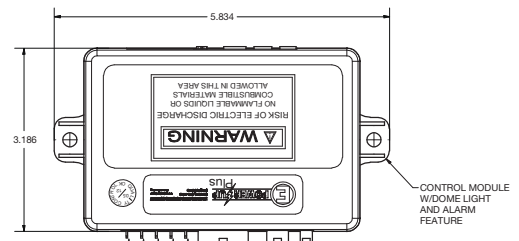
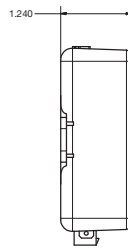
ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-20°C to 80°C ~95% RH

CERTIFICATIONS

FCC – USA, RoHS



| PART # | DESCRIPTION |
|---------------|---------------------------|
| 16835-50PK-01 | RF Controller with 2 keys |
| 16835-15-01 | Key fobs |

CONTROL SYSTEM COMPARISON CHART

| | i-Lock Blue | i-Lock i-Beam | RF Control System LNL-72-00910-PK | RF Original LNL (00901) | RF Power-Up – Eberhard | RF Power-Up Plus – Eberhard |
|--------------------------------|-------------|---------------|-----------------------------------|-------------------------|------------------------|-----------------------------|
| Operating Voltage | | | | | | |
| | 12 | 12 | 12 | 12 | 12 | 12 |
| Current Draw | | | | | | |
| Standby | 6mA | 6mA | 12mA | 12mA | 15mA | 15mA |
| Peak per Output | 9A | – | 20A | 14A | 40A | 40A |
| Number of Outputs (Max) | | | | | | |
| | 3 | – | 3 + LED | 2 + LED | 16 + LED | 16 + LED + Siren |
| Communication | | | | | | |
| Type | Bluetooth® | Bluetooth® | RF | RF | RF | RF |
| Frequency | 2.4 GHz | 2.4 GHz | 433 MHz | 433 MHz | 303 MHz | 433 MHz |
| Range | 30 ft. | 30 ft. | Up to 100 ft.* | Up to 100 ft.* | Up to 200 ft.* | Up to 150 ft.* |
| Control | | | | | | |
| Phone App | ✓ | ✓ | – | – | – | – |
| Key Fob | – | – | ✓ | ✓ | ✓ | ✓ |
| Works with OEM Key Fob | – | ✓ | ✓ | ✓ | – | – |
| Encrypted | ✓ | ✓ | ✓ | – | ✓ | ✓ |
| Over the Air Updates | ✓ | ✓ | – | – | – | – |
| Output | | | | | | |
| Number of Output Types | ∞ | – | 3 | 3 | 3 | 4 |
| Forward and Reverse Sequence | ✓ | – | ✓ | ✓ | ✓ | ✓ |
| LED Light | ✓ | – | ✓ | ✓ | ✓ | ✓ |
| Siren | – | – | – | – | – | ✓ |
| Two-Way Operation | ✓ | – | – | – | – | – |
| One-Way Operation | ✓ | – | ✓ | ✓ | ✓ | ✓ |
| User Selectable | ✓ | – | – | – | – | – |
| Inputs | | | | | | |
| Number of Inputs | 2 | – | 3 | 3 | 2 | 2 |
| 3.3V Powered Input | ✓ | – | – | – | – | – |
| Multi-Activation | ✓ | – | – | – | – | – |
| Environmental | | | | | | |
| IP Rated | – | – | ✓ | – | – | – |
| -20°C to 80°C | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

*Line of sight in unobstructed conditions.

ACTIVATORS

*LED Push Button Switches
Wiring Harnesses*



PUSH BUTTON SWITCHES



FEATURES

- Indoor/outdoor rated, IP65
- Mechanical push button
- LED rim, blue
- Wire harness/connector options

SPECIFICATIONS

POWER SPECIFICATIONS

LED

3.3/12V, 20mA

12VDC, 15A

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-30°C to 80°C

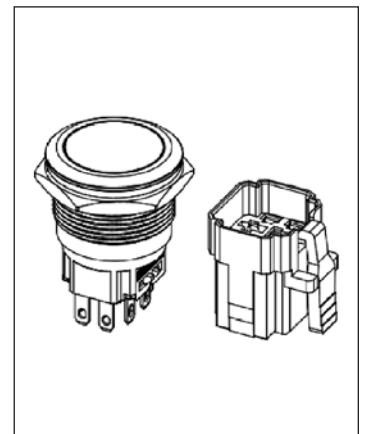
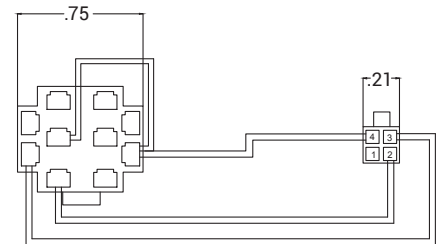
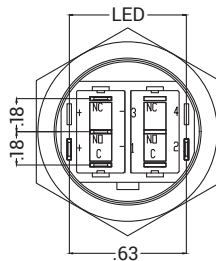
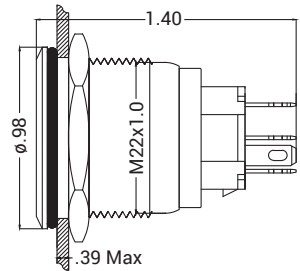
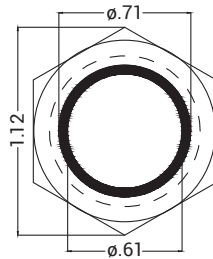
IP RATING: IP67

INSTALLATION SIZE

22mm

CERTIFICATIONS

RoHS, CE – EU



| PART # | LED | MATERIAL/COLOR | CONNECTOR | CONTACT CURRENT | LED POWER |
|---------------|-------|----------------|------------------------|-----------------|------------|
| EBX810-001-87 | White | Black oxide | Bare wire | 15A | 12V, 20mA |
| EBX800-016-66 | Blue | Black anodized | Molex® Micro-Fit 4 pin | 3A | 3.3V, 20mA |
| EBX800-016-87 | Blue | Black anodized | Molex® Micro-Fit 4 pin | 3A | 3.3V, 20mA |

WIRING HARNESSES



The following wiring harnesses can be supplied by Eberhard to complete your electro-mechanical system:

| POWER-UP RF CONTROLLER WIRING HARNESSES | | | |
|---|---|------------|---|
| PART # | DESCRIPTION | WIRE GAUGE | CONNECTORS |
| 16720-6-01 | Truck cab wiring harness | 18 | Power (ring terminals) to vehicle (HULANE W06FW-M) |
| 1-16720-6-01 | Truck cab wiring harness with dome light | 18 | Power (ring terminals) to vehicle (HULANE W06FW-M) |
| 16720-7-06 | Utility body compartment wiring harness | 14/18 | HULANE W06MW-M to 2x HULANE W03FG-Y |
| 16720-8-01 | Relay wire harness – extension | 14/18 | Power (ring terminals) to vehicle (HULANE W06FW-M) |
| 16720-9-01 | Utility compartment body wiring harness – extension | 14/18 | HULANE W03MW-M to female spade terminals |
| i-LOCK BLUE CONTROLLER WIRING HARNESSES | | | |
| Output Wire Harnesses | | | |
| EBX800-100-03-01 | 3 ft. length | 18 | 4C Molex® Micro-Fit to bare wire |
| EBX800-100-06-01 | 6 ft. length | 18 | 4C Molex® Micro-Fit to bare wire |
| EBX800-100-10-01 | 10 ft. length | 18 | 4C Molex® Micro-Fit to bare wire |
| EBX800-100-12-01 | 12 ft. length | 18 | 4C Molex® Micro-Fit to bare wire |
| Power Wire Harnesses | | | |
| EBX800-101-03-01 | 3 ft. length | 16 | 2C Molex® Micro-Fit to bare wire |
| EBX800-101-06-01 | 6 ft. length | 16 | 2C Molex® Micro-Fit to bare wire |
| EBX800-101-10-01 | 10 ft. length | 16 | 2C Molex® Micro-Fit to bare wire |
| EBX800-101-12-01 | 12 ft. length | 16 | 2C Molex® Micro-Fit to bare wire |
| LOAD N LOCK CONTROLLER WIRING HARNESSES | | | |
| LNL-72-00551 | Wire harness, truck, 3 wire, 00901 | 16 | 3 way amp to ring terminal x 2/female bullet |
| LNL-72-00552 | Wire harness, tonneau, 3 wire, 00901 | 16-20 | 3 way amp to 2x bullet/female spade/2 way amp |
| LNL-72-00964 | Wire harness, power lock module | 16 | 10 pin amp to 2x amp/bullet/female spade |
| LNL-72-00995 | Wire harness, tonneau, 2 wire, 00901 | 16-20 | 3 way amp to 2x bullet/female spade/2 way amp |
| LNL-72-01101 | Button kit, black w/6 ft. wire harness | 18 | Female spades to ring/bullet |
| Kits | | | |
| LNL-72-01100 | Keyless entry kit, tonneau | Various | LNL-72-00551/00552/00965/01101 |
| LNL-72-01102 | Wire harness kit, truck, 3 conductor | 16 | LNL-72-00551 and zipties |
| LNL-72-01104 | Wire harness kit, tonneau, 2 conductor | 16-20 | LNL-72-00995 and cable ties and screws |
| LNL-72-01108 | Keyless entry kit, truck | Various | LNL-72-00551/00552/00964/01101 |
| EBERHARD RF CONTROLLER WIRING HARNESSES | | | |
| Output Wire Harnesses – Connector Color: Black - 00/White - 01/ Red - 02 | | | |
| LNL-72-013xx-03-01 | 3 ft. length | 18 | 2C Molex® Micro-Fit to bare wire |
| LNL-72-013xx-06-01 | 6 ft. length | 18 | 2C Molex® Micro-Fit to bare wire |
| LNL-72-013xx-10-01 | 10 ft. length | 18 | 2C Molex® Micro-Fit to bare wire |
| LNL-72-013xx-12-01 | 12 ft. length | 18 | 2C Molex® Micro-Fit to bare wire |
| Power Wire Harnesses | | | |
| LNL-72-01302-03-01 | 3 ft. length | 16 | 2C Molex® Micro-Fit (red) to bare wire |
| LNL-72-01201-03-01 | 3 ft. length, waterproof | 16 | 2C Molex® Micro-Fit (red) to TE C-282080 (weatherproof) |
| LNL-72-01302-06-01 | 6 ft. length | 16 | 2C Molex® Micro-Fit (red) to bare wire |
| LNL-72-01201-06-01 | 6 ft. length, waterproof | 16 | 2C Molex® Micro-Fit (red) to TE C-282080 (weatherproof) |
| LNL-72-01302-03-01 | 10 ft. length | 16 | 2C Molex® Micro-Fit (red) to bare wire |
| LNL-72-01201-03-01 | 10 ft. length, waterproof | 16 | 2C Molex® Micro-Fit (red) to TE C-282080 (weatherproof) |
| LNL-72-01302-03-01 | 12 ft. length | 16 | 2C Molex® Micro-Fit (red) to bare wire |
| LNL-72-01201-03-01 | 12 ft. length, waterproof | 16 | 2C Molex® Micro-Fit (red) to TE C-282080 (weatherproof) |
| Input Wire Harness | | | |
| LNL-72-01303 | Input cable, 5.5 in. | 18 | 3C Molex® Micro-Fit to 2x female spade/bullet |

For technical information on any of our electro-mechanical products, please visit our website or contact us:

Email: emtechsupport@eberhard.com

Phone: 440-238-9720 ext. 1324

Website: www.eberhard.com/emtechsupport



Below, are the installation manuals and technical documents available for download on our technical support page.

LOAD N LOCK

- Load N Lock Keyless Remote Entry Kit Instructions

REMOTE KEY FOB

- RF Keyless Entry Receiver with Key fob (4 Button, 4 Output)

POWER-UP & POWER-UP PLUS

- Power-Up Locking System Installation Instructions
- Power-Up Plus Locking System with Alarm Installation Instructions

RF CONTROL SYSTEM

- RF Keyless Entry Receiver with Key fob (3 Button, 2 Output)

POWER POP

- Power Pop Instructions

VEHICLE DOOR WIRING

- Vehicle Wiring for Door Locks





EBERHARD®
[ENGINEERED : ACCESS : SOLUTIONS]



ELECTRO-MECHANICAL CATALOG 2023