

NP0044 | CONTROL BOX, SHUNT, REMOTE FOB & CABLES

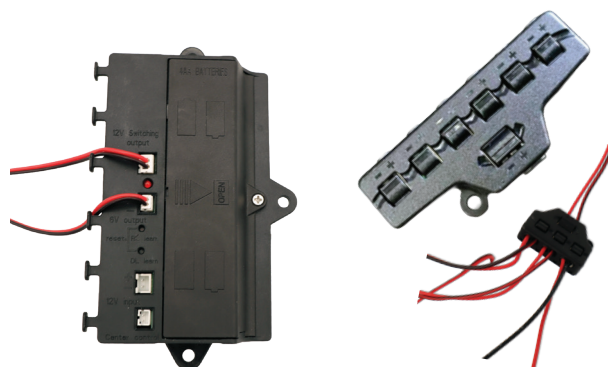
6V / 12V Electronic Central Locking (ELS)

6V DC / 12V Switching or Non-Switching / Hardwired (Vehicle) or Wireless (Standalone) Power Supply

Features

- Componentry for assembly of *(complete or part there of:)*
 - 6V/12V electronic central locking / ELS system
 - Control box
- Shunt connector *(1x input (+/-), 6x output (+/-) terminals)*
 - Push-button remote control fob
 - 6V power supply cables
 - 12V power supply cables
- Can be configured as:
 - Hardwired - Via 12V vehicle or 12V standalone power supply (long cable harness)
 - Semi-wireless - 6V / AA batteries (integrated) power supply
- Compatible power supplies:
 - 6V - DC
 - 12V - Switching/non-switching
 - 6V/12V - Via control box

*(control boxes convert 12V supply to 6V -
Do Not install AA batteries when connected to 12V power source)*



Component Specifications

Control Box (AA/6V Battery Compatible)

- Base dimensions: 144mm (H) x 88mm (W) x 22.5mm (D)
- Mounting Point profile: 3x Ø5mm (dia)
 - North/South hole centres - 132mm (HC)
 - RHS hole centre -
 - 82mm (from LHS edge), -6mm (from RHS edge)
- Plug sockets:
 - Large (2x): 2 pin plug - XH2.54, Small (2x): 2 pin plug - PH2.0



W Control Box (IP65/Weatherproof Version)

- Base dimensions: 115mm (W) x 84mm (H) x 21.5mm (D)
- Mounting Point profile: 2x Ø5mm (dia)
 - East/West hole centres - 100mm (HC)
- Plug sockets:
 - Large (4x): 2 pin plug - XH2.54

Shunt Connector *(More options available on request)*

- Terminal tunnel: Ø 0.61mm (conductor OD)
- Terminal supply: 1x input (+/-), 6x output (+/-)

Push-Button Remote Control FOB

- Three levels of alignment:
 - Level 3 - Remote controller and control box alignment
 - Level 2 - *(A)* Remote controller and control box alignment *(B)* If the remote controller and control box are aligned with switch **1**, then also align the rv door lock and remote control with switch **1**. If they are using switch **2**, then do the same as above to align with switch **2**.
 - Level 1 - Control box and door lock alignment

Power Supply Cables (6V/12V)

- Small Plug (Short Harness): 24 AWG / Ø 0.511mm x 2 core
 - Length - 0.2m / 200mm (L) / Plug - PH2.0 (small), 2 Pin
- Small Plug (Long Harness): 24 AWG / Ø 0.511mm x 2 core
 - Length - 2m / 2,000mm (L) / Plug - PH2.0 (small), 2 Pin
- Large Plug (Long Harness): 24 AWG / Ø 0.511mm x 2 core
 - Length - 2m / 2,000mm (L) / Plug - XH2.54 (large), 2 Pin

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Installation

Please refer to the NP0044 / NP0044-W ****install guides**** for user setup and installation instructions.

- Including: Product overview, wiring diagrams, power connection instructions, control level instructions (*power supply*) and remote controller alignment.

Remarks

- Components (*sold separately*)
- Shunt connectors: Alternative sizes/terminal qty available upon request (*subject to additional costs, MOQs and lead times*)
- Compatible with integrated systems (incorporating): ELS | NP0044: folding-t handles w/ mounting bracket and/or push-button compression latches.

NB

ELS | ECL | IECL | MLA

Acronyms; Commonly associated w/ reference to the actuation methods of our range of **Electronic Locking Solutions** products.

- **Including:** Electronically powered central locking actuator kits (6V/12V/24V), digital access and smart locking systems, electronic lock positioning (park) sensors, control boxes, shunt connectors, remote controls and batteries, etc.

ELS: Electronic Locking Solutions

ECL: Electronic Central Locking

IECL: Integrated Electronic Central Locking

MLA: Manual Locking Actuation

INTEGRATED ELECTRONIC CENTRAL LOCKING (ELS) COMPONENTS

Part Number	Description	Actuation	Compatible Input Power Supply (Voltage)	Configurations
NP0044-007	NP0044 Control Box (AA/6V Battery Compatible)	Int. Central Locking (ELS)	6V DC / 12V Switching/Non-Switching	Hardwired Semi-Wireless
NP0044-007W	NP0044 W Control Box (IP65/Weatherproof)	Int. Central Locking (ELS)	12V Switching/Non-Switching	Hardwired

Part Number	Description	Actuation	Compatible Power Supply (Voltage)	Levels Of Alignment
NP0044-008	NP0044 Push-Button Remote Control FOB	Int. Central Locking (ELS)	6V DC / 12V Switching/Non-Switching	Three: Level 3, Level 2 (A/B) & Level 1

Part Number	Description	Actuation	Compatible Power Supply (Voltage)	Terminal: Tunnel / Conductor Supply
NP0044-009	NP0044 Shunt Connector	Int. Central Locking (ELS)	6V DC / 12V Switching/Non-Switching	Ø 0.61mm (OD) 1x Input, 6x Output (+/-)

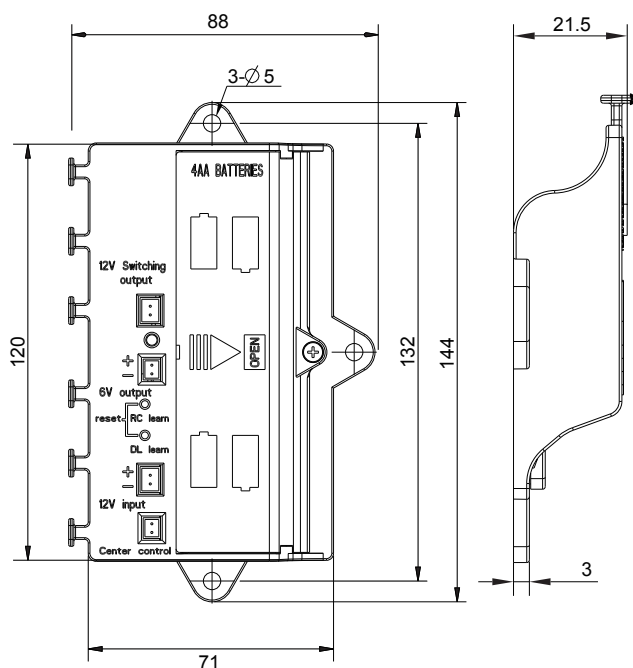
Part Number	Description	Actuation	Wiring Harness	Cable Length	Plug
NP0044-010-0200	NP0044 Power Supply Cables	Int. Central Locking (ELS)	6V Short Harness: 24 AWG x 2 Core	0.2m / 200mm	PH2.0 (Small), 2 Pin
NP0044-010-2000	NP0044 Power Supply Cables	Int. Central Locking (ELS)	6V Long Harness: 24 AWG x 2 Core	2m / 2,000mm	PH2.0 (Small), 2 Pin
NP0044-011-2000	NP0044 Power Supply Cables	Int. Central Locking (ELS)	12V Long Harness: 24 AWG x 2 Core	2m / 2,000mm	XH2.54 (Large), 2 Pin

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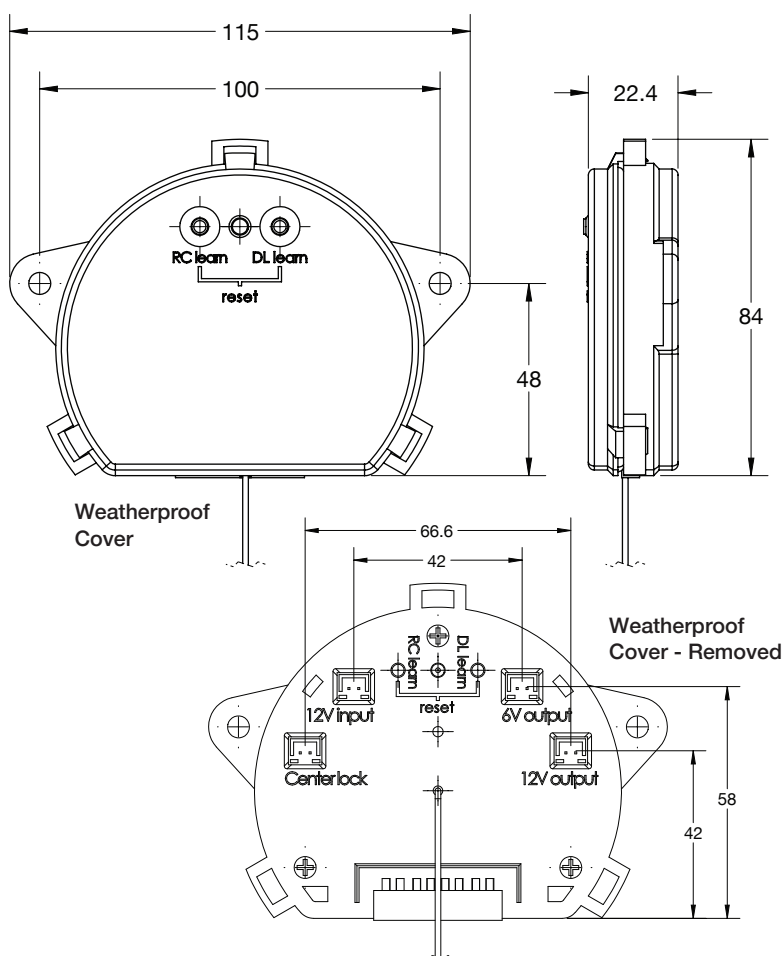
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CONTROL BOX (AA/6V Battery Compatible)



W CONTROL BOX (IP65/Weatherproof)



SHUNT CONNECTORS

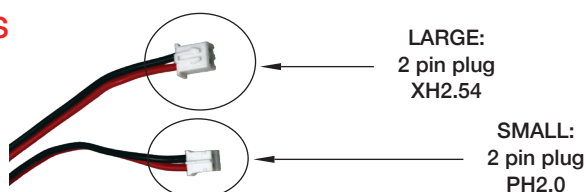


6x Output Terminal (6T): +/-



3x Output Terminal (3T): +/-
Available on request (subject to T&Cs)

POWER SUPPLY CABLES



LARGE:
2 pin plug
XH2.54

SMALL:
2 pin plug
PH2.0

PUSH-BUTTON REMOTE CONTROL FOB

