

POWERCELL™ CONTROL UNIT

Part Number: ISISPCELZ



DESCRIPTION

Did you buy an ISIS 2-CELL or 3-CELL Starter Kit only to find out that you need more circuits? Did you get into your project and realize that you want to add another control function but don't have space on the original POWERCELL control unit.

No need to worry, you can add up to a total of 5 POWERCELL control units to your system for a total number of 50 output circuits. This is perfect for automotive enthusiasts who simply can't get enough functionality.

Purchase a new POWERCELL control unit, plug it in and your ready to go.

MODULE FEATURES:

- Matched to the exact specifications of the POWERCELL control unit(s) that came with your kit.
- Up to 10 fuse protected outputs on the control unit. (each output rated at 25 Amps. Single POWERCELL control unit can supply up to 125 Amps continuously.)
- Plug & Play connections allow for easy installation and system testing.
- All mating electrical interfaces are standard Delphi Packard sealed connectors
- MASTERCELL AND POWERCELL enclosures sealed with watertight gaskets for high performance in all driving conditions.
- All enclosures feature clear covers for easy system status checks and a high-tech look to show off your system.
- ISIS Heartbeat LEDs to indicate system connectivity and indicate output status
- Rated to 125°C environment for installation anywhere in the vehicle.
- All plastics used in enclosures are UL 94V0. Bases are glass reinforced high-temperature nylon for strength and temperature resistance. Covers are high-temperature polycarbonate for visibility and strength.

KIT INCLUDES:

- 1 – ISIS POWERCELL control unit with 10 outputs
- 1 – Input harness with sealed connector
- 2 – Output harnesses with sealed connectors
- 1 – ISIS CAN cable with sealed connectors on ends
- 2 – Power Input cables
- 1 – Dummy power connector
- 1 – Dummy ISIS CAN connector
- Installation guide



INTELLIGENT MULTIPLEX SYSTEM

STANDARD NODE PROGRAMMING:

- Output 1: Open
- Output 2: Open
- Output 3: Open
- Output 4: Open
- Output 5: Open
- Output 6: Open
- Output 7: Open
- Output 8: Open
- Output 9: Open
- Output 10: Open

EACH OUTPUT CAN BE CUSTOM PROGRAMMED TO:

- Track
- Toggle
- Delay
- Timed
- Soft-Start
- Pattern

Contact the factory for custom programming options.

TECHNICAL SPECIFICATIONS:

- Dimensions: 2" x 6 7/16" x 7 3/16"
- Input voltage range: 6-14.2 VDC
- Maximum number of nodes: 10 (expandable in groups of 10)
- Output node technology: MOSFET (up to 25-amps)
- Output switch type: High-Side
- PWM nodes: 8
- Maximum temperature: 125°C
- Built-in diagnostics status indicators on all output nodes
- Standard node application library
- Enclosures and connectors sealed to IP67
- Standard Delphi Packard connectors & terminals
- All materials UL 94V0