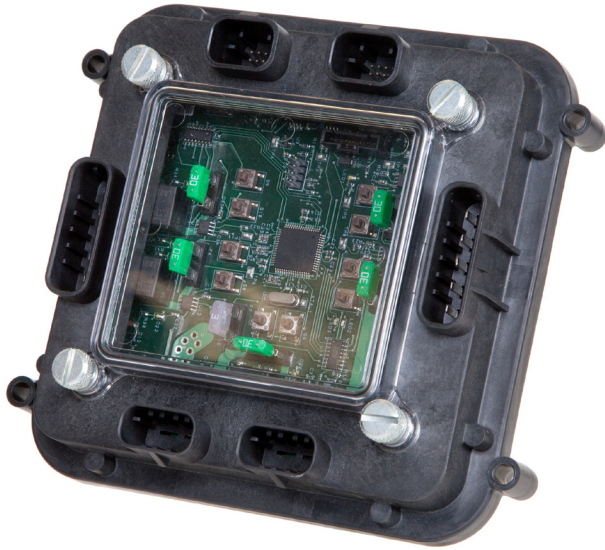


ISIS™ inMOTION™ CONTROL MODULE



DESCRIPTION

The inMOTION Control Unit brings a new level of control to the ISIS Intelligent Multiplex System. inMOTION allows you to control up to 5 outputs that need to be reversed. Things like window-lift motors, convertible tops, and lock solenoids can be controlled just as easily as anything else in your car.

inMOTION uses the same plug-and-play connectivity as the existing MASTERCELL and POWERCELL. Connect the power & ground harnesses, wire the outputs, connect the CAN cable, and you're up and running.

Practically any switch can be connected to the MASTERCELL to control your motors, lock solenoids, convertible tops and sunroofs. You are not limited by having to use high-current switches with internal reversing schematics. You pick the switch that matches the overall design of your car.

The inMOTION cell brings a new level of intelligence to controlling reversed accessories. It learns the current profile of every motor or solenoid that it is connected to. If inMOTION detects an abnormal current draw, it can react to save you from damage due obstructions, damaged window regulators or binding mechanisms.

MODULE FEATURES:

- Seamless integration into an existing ISIS network.
- Powers 5 outputs with ability to reverse polarity to change direction. Examples include motors, solenoids and linear actuators.
- Fuses integrated into inMOTION to protect wires powering outputs.
- Plug & Play connections allow for easy installation and system testing.
- Enclosures sealed with watertight gaskets for high performance in all driving conditions.
- ISIS Heartbeat LEDs indicate system connectivity and output status
- Rated to 85°C environment in-cabin installation.
- 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 inMOTION control unit
- 2 - Output harnesses with sealed connectors
- 1 - ISIS CAN cable with sealed connectors on ends
- 2 - Power & Ground cables
- 1 - Dummy ISIS CAN connector
- 1 - Installation guide
- 1 - MEGAFuse Kit with Ring Terminals
- 1 - Bag of Assorted Fuses

TECHNICAL SPECIFICATIONS:

- Input voltage range: 6-16.2 VDC
- Maximum number outputs: 5 polarity reversed pairs
- Output node technology: H-Bridge Relay with current monitoring
- Current Capability: 25-amps per pair
- Maximum temperature: 85°C
- Integrated buttons to manually cycle outputs
- Enclosures and connectors sealed to IP67
- Standard Delphi Packard connectors & terminals
- All materials UL 94V0