

**UIM16R: Upfitter
Interface Module®**

INTERMOTIVE
**VEHICLE
CONTROLS**

An ISO 9001:2015 Registered Company

Upfitter Interface Module® UIM16R

Programmable Relay Power Center

Overview

- Passive CAN data acquisition
- Configurable inputs and outputs, which can be programmed as momentary, latching, time-hold, time-delay or flashing
- Outputs are controlled based on the module's configuration created using the InterMotive PRPC Download Manager program (GUI)
- Simple plug and play connections for CAN data
- Combine with switch backer and/or expansion boards to increase system capabilities

Features

- **FLEXIBLE DESIGN:** Saves time, cost and additional components; user interface makes programming output functions as easy as clicking a button
- **CONTROL:** Multiple inputs can control a single output
- **CONVENIENCE:** Works with select Ford, GM, FCA and Medium Duty chassis to provide real-time CAN data
- Warning LEDs for easy troubleshooting

Product features may vary by make, model or year. See instructions for complete details.

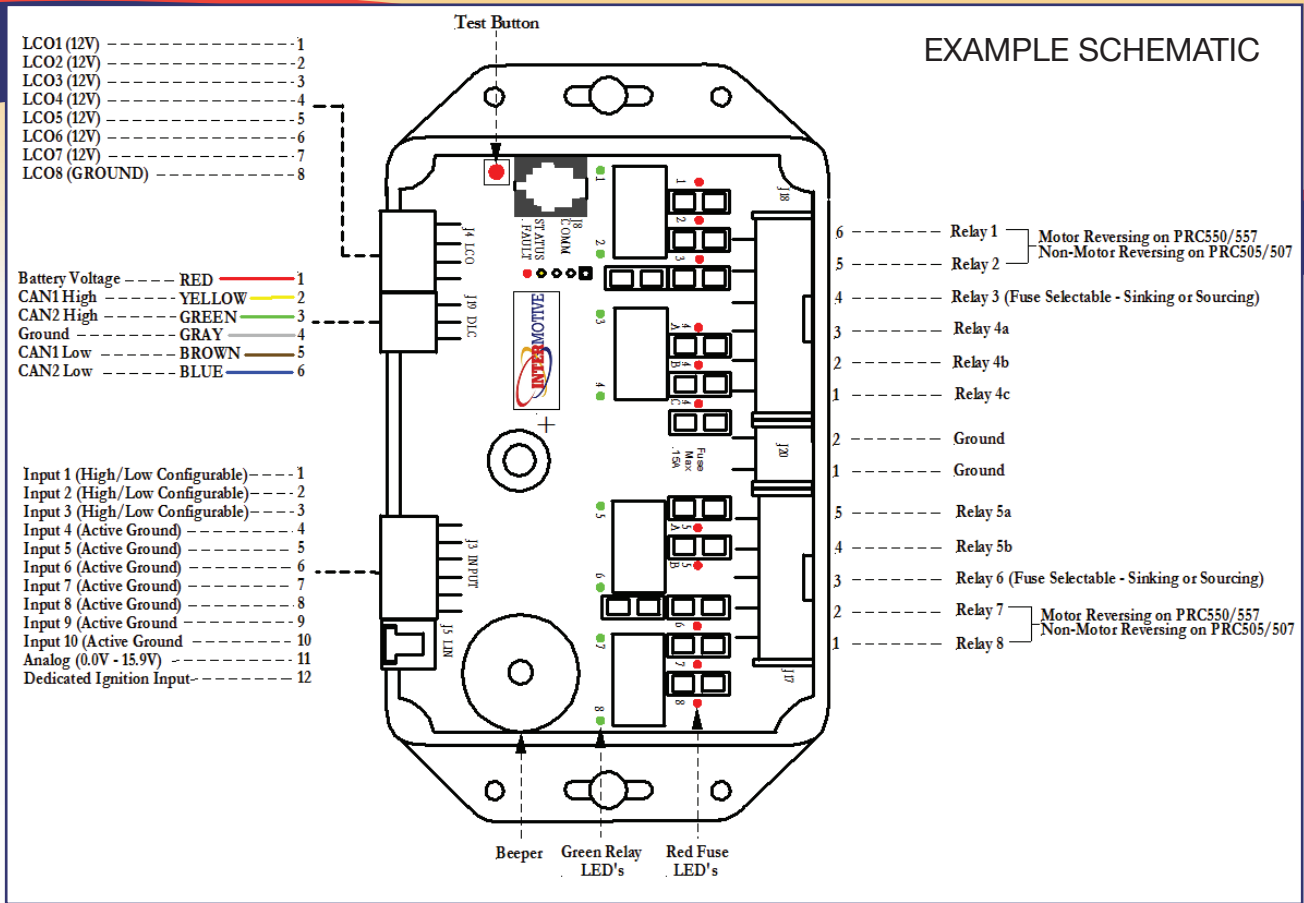
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Details



SPECIFICATIONS

Number of Inputs	Three active high/low GUI-configurable inputs, seven active low inputs and one analog input
Number of Outputs	Seven active high output, one active low output and eight relays
Current Draw	85 mA
Quiescent Draw	3.5 mA (sleep current)
Temperature Range	-40°C to 80°C
Dimensions	7.5" L x 4.5" W x 1" H

AVAILABLE DATA INCLUDES: (partial list)

- **Transmission:** Range | Fluid Temperature
- **Lights:** External Lights* | High and Low Beams | Turn Signals
- **Doors:** Lock | Unlock | Door Ajar
- **Brakes:** ABS Event | Park Brake | Service Brakes
- **Other:** Vehicle Speed | Seatbelt
- **Engine/Fuel:** Clean Tach Output | Check Engine Light (MIL) | Coolant and Oil Temp.† | RPM | Engine Running | Ignition Switch Status | Fuel Level | Intake Air Temp. | Throttle Position | Vbat | VSS (2.2 Hz/mph)

* Daytime running lights only work with Ford vehicles

† Oil Temperature only works with Ford vehicles