



Infinitybox inVIEW Control Module

P/N: 852-799AJ



Product Description:

The Infinitybox inVIEW Wiper Control Module is a CAN-controlled relay module designed to drive a traditional two-speed automotive windshield wiper motor with dynamic park. The module provides four relay outputs that control the low-speed, high-speed, park, and washer-pump circuits, and four switch inputs that allow direct wiring of an OEM wiper switch.

The module accepts commands from either CAN bus messages or from the discrete switch inputs, applies the wiper-control logic internally, and operates the four relays accordingly. All operation modes — continuous low speed, continuous high speed, intermittent wipe, and washer — are managed by the module's firmware. The intermittent timing is configurable from CAN or from a value stored in non-volatile memory.

Electrical Features:

- Input voltage: 10.0 to 20.0 VDC
- 4 Relays for Low Speed, High Speed, Park and Washer Pump. 8-Amps Each
- 4 Ground Switched Inputs for Low Speed, High Speed, Intermittent and Washer Pump
- CAN Connectivity for J1939 Control of functions
- Load Dump Protection per ISO 16750-2

Communication Specifications:

- Communications Protocol: J1939
- CAN OPEN and other CAN options available upon request
- J1939 Data Rate Options: 250 / 500 and 1,000 kb/s. Selectable over J1939
- CAN messages and wiper functions can be customized over J1939 messages

Connector Specifications

- Mating connector: DTM-06-12S
- Mating Terminals:
 - 1062-20-0222- 16 to 22 AWG
 - 1062-20-0622- 14 to 16 AWG
- Wedge Lock: WM-12S

Configurability Specifications

- inVIEW Outbound Status Broadcast Rate: 250, 500 and 1,000 milliseconds. User Selectable.
- Messages programmed over J1939.

Material Specifications

- Housing and Connector Material: Glass Filled Nylon 6 6/6
- All Materials 94V-0

Environmental Specifications

- Operating Temperature Range: -40 C to 85 C
- Ingress Protection: IP67
- All materials tested to meet automotive chemical exposure, salt spray and salt fog

inVIEW Wiper Control Module Dimensions (In Millimeters)

