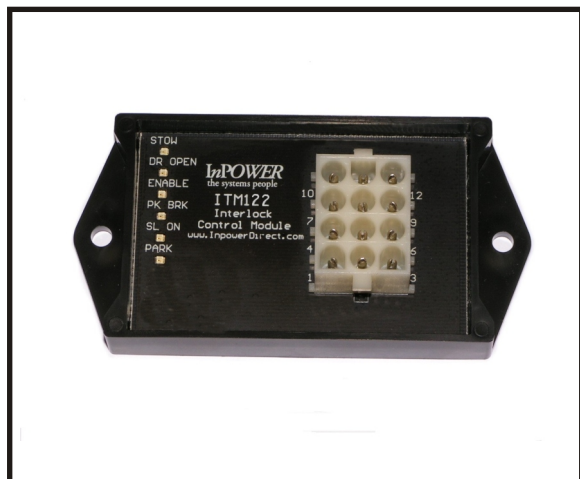


Platform Lift Interlock System



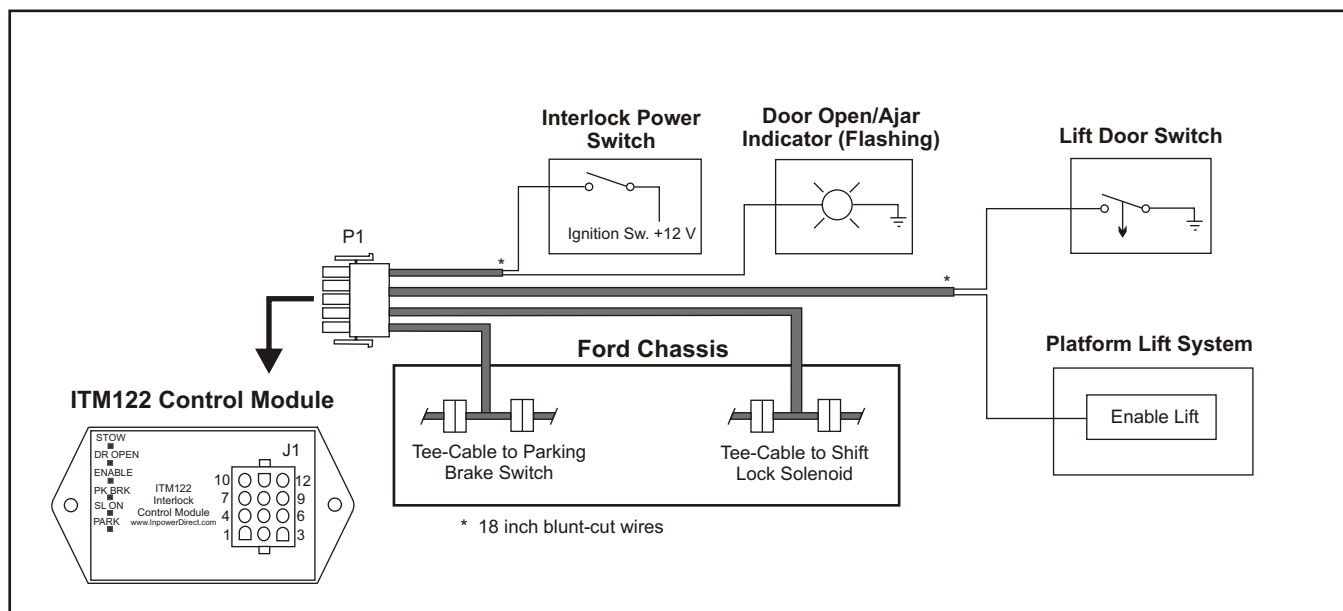
Vehicle interlock system for commercial type FMVSS 403 platform lifts installed on Ford E-Series vans.

The ITM122 interlock system provides the required FMVSS 403 (S6.10.2) interlock functions for public use platform lifts installed in 2009 Ford E-Series vans and cutaways. The interlock system consists of a solid state control module and a “plug and play” Ford chassis wiring harness. The control module is a non-microprocessor design that uses robust solid state logic devices to provide an extremely high level of reliability. A set of system status/diagnostic LED indicators are located on the control module to aid system trouble-shooting. The system’s interface to the lift door switch and platform lift is directly compatible with current production lifts manufactured by Braun, Ricon and Maxon, and includes a lift door switch input, a lift door open/ajar flashing output (+12 V @ 10 amps), and a lift enable output rated at +12 V @ 10 amps.

Key Features

- Supports 2009 Ford E-Series Vans
- “Plug and Play” Chassis Interface Harness
- Complies with FMVSS 403
- 100% Solid State Construction
- Direct Interface to Braun, Ricon & Maxon Lifts
- System Diagnostic LED Indicators
- Small Size for Under Dash Installation
- Flashing Door Ajar Output

System Diagram



ITM122A Wheel Chair Lift Interlock

Specifications

Module Inputs

Power Input: +8 to 16 Vdc @ 20 amps. Requires a fused power source that is powered when ignition switch is on.
Lift Door In: From lift door closed switch (Ground when door is open/ajar)

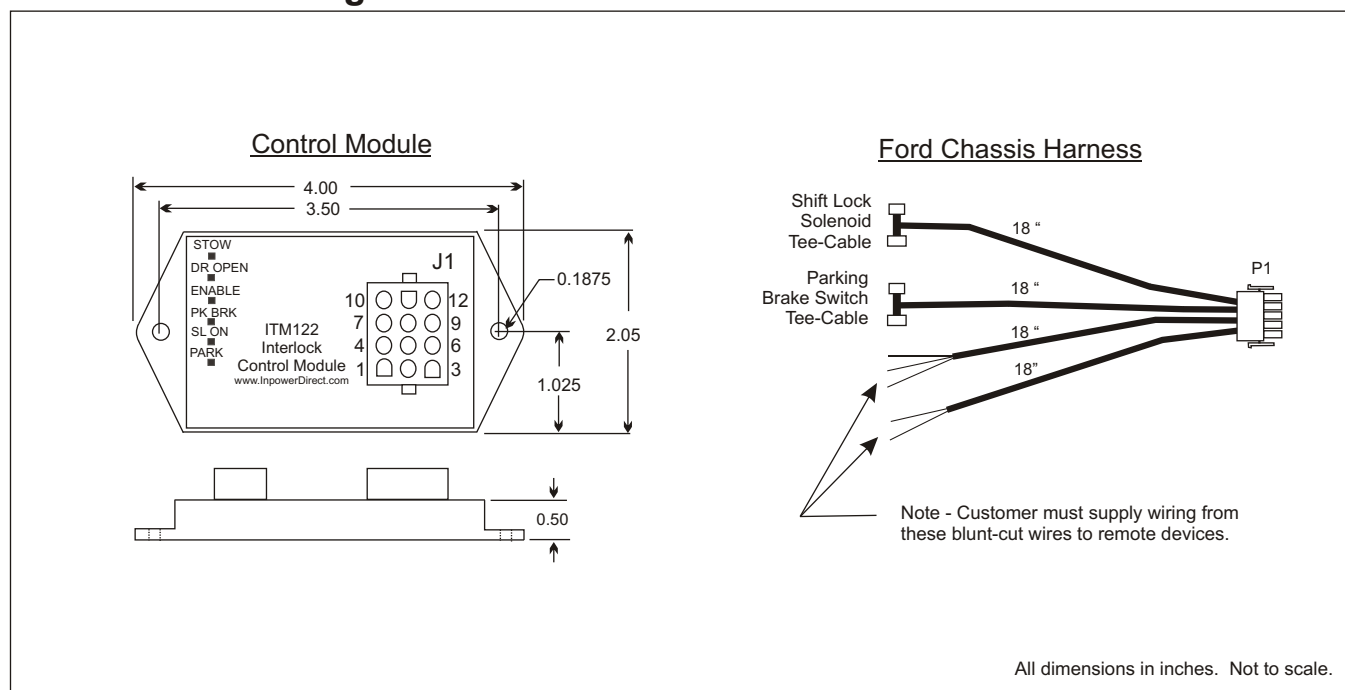
Module Outputs

Lift Enable: +12 Volts @ 10 amps to allow platform lift operation
Door Open Out: +12 Volts @ 10 amps (flashing) when lift door is open/ajar

Mechanical

Control Module:
Weight: 0.17 lbs.
Operating Temperature: -40° C to +85° C
Dimensions: 2.05"W x 4.00" L x 0.80" H

Mechanical Drawing



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