

EcoRaiser

Idle Reduction with Remote Start and High Idle



Overview

- Idle mitigation function automatically stops/starts the vehicle to prevent unnecessary idling but leaves the power on to operate equipment and lights
- Remote engine start and high idle functions make using vehicle equipment easier with improved performance
- Anti-theft features include shift lock and key out mode for peace of mind when working outside the vehicle

Features

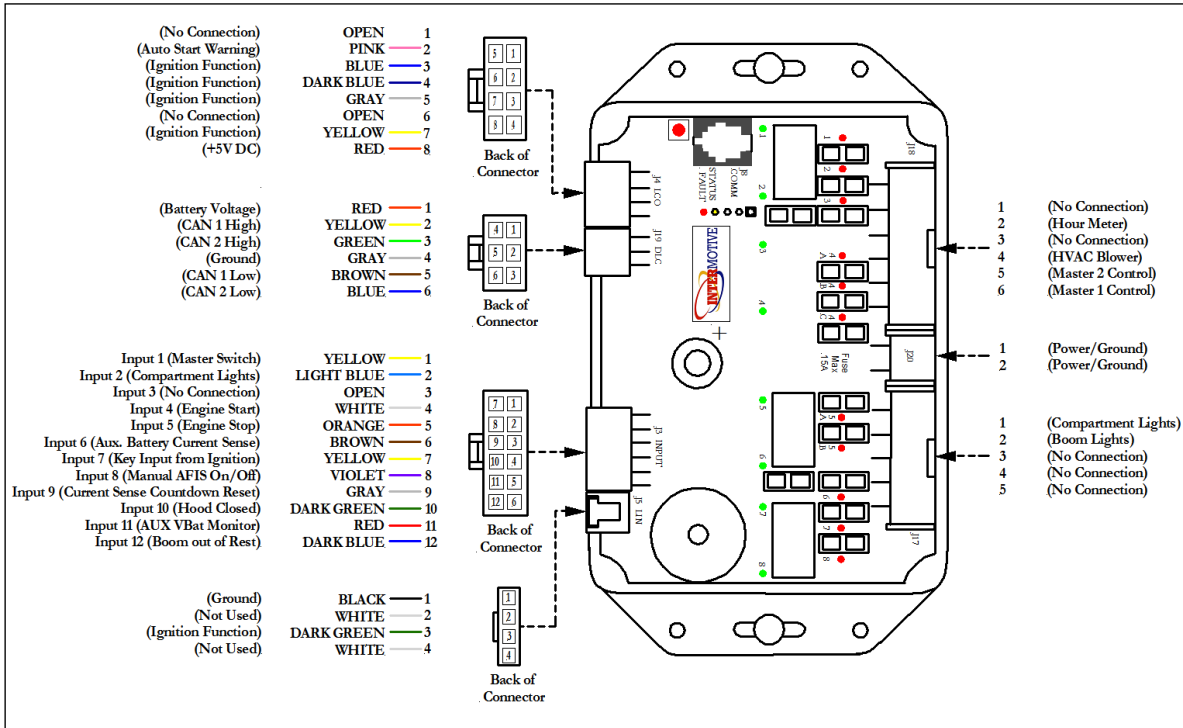
- High idle system is configurable as automatic or manual
- Low power output can be used to drive a warning device when the engine is about to auto-start
- Battery charge protection feature will engage if the battery voltage drops below a predetermined level (configurable)
- Optional EcoStar™ idle mitigation system may cut idle time by as much as 50 percent
- Optional Idle Timer Controller system will automatically shut the engine down after a set period of time in Park (programmable)
- Includes Intermittent Fault Filter™ (IFF) technology to eliminate false readings

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Specifications

EXAMPLE SCHEMATIC



SPECIFICATIONS

Number of Inputs: Twelve (seven low true, three high/low true and two analog)

Number of Outputs: Nineteen (eight low current sourcing/sinking, seven high current sourcing, two high current sourcing/sinking, one 3-way sourcing and one 2-way sourcing)

Current Draw: 85 mA

Quiescent Draw: 3 mA (sleep current)

Temperature Range: -40°C to 80°C

Dimensions: 7.5" L x 4.5" W x 1" H

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