



Diesel Pre-Heat Module has standard ISO footprint sealed to IP 66/67 standards...

TROMBETTA'S DIESEL PRE-HEAT MODULE ENSURES SAFE, EFFICIENT ENGINE START IN COLD WEATHER

Menomonee Falls, WI — Providing designers of diesel engine controls with an environmentally robust and economical device that assists in controlling engine temperature and improves starting, Trombetta has developed a temperature-dependent pre-heat module designed to provide optimum control of diesel engine glow plugs and air intake heating elements. Designated the S500-B100 Series, the Diesel Pre-Heat Module features an ISO standard footprint and is sealed to IP 66/67 standards to protect against harsh environmental conditions such as moisture, vibration, and extreme temperatures.

When the ignition switch is turned to the run position, the S500-B100-02 module powers the glow plugs and/or air intake heating elements. This keeps them energized for a predetermined time based on the ambient temperature. At the same time, the module can activate a dashboard wait indicator light, which remains on until the glow plug or air intake heater reaches the required temperature then turns off, signaling the operator to turn the key to start the engine.

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“Trombetta’s Diesel Pre-Heat Module improves the reliability of starting a diesel engine.” said Charles Trayner, National Sales Manager at Trombetta. “Our S500-B100-02 modules are ideal for single-switch ignition systems, such as three and four cylinder diesel engines that require temperature compensation and an accurate wait time indication for the operator.”

The S500-B100-02 module is rated for a 40A resistive load, and a voltage range from 6VDC to 18VDC. In addition, the Diesel Pre-Heat Module provides transient protection up to 30V to safeguard the module from damaging voltage spikes within the engine compartment. It is also designed to withstand non-clamped Load Dump incidences.

The modules are configured to activate the engines glow plug or air intake heater elements from 3 - 30 seconds based on the ambient temperatures. In addition, Trombetta can customize the modules to meet specific customer requirements. All Trombetta Diesel Pre-Heat Modules feature industry standard ISO Pin-Out configurations which are IP 66/67 rated in a potted nylon housing.

Typical pricing starts at \$8 for volumes greater than 5,000 pieces with a lead time of four weeks.

For more information about the S500-B100 Series Diesel Pre-Heat Modules, contact Trombetta at N88 W13901 Main Street, Menomonee Falls, WI 53051; call 262-251-5454, email sales@trombetta.com, or visit www.trombetta.com.

About Trombetta-Tympanium

Trombetta - Tympanium is a leading worldwide manufacturer of power switching and power management products. Founded in 1932, Trombetta specializes in DC Contactors, Industrial Work Solenoids, Key Switches, and Electronic Controls. Founded in 1970, Tympanium specializes in Voltage Regulators, Time Delay Switches, and AC Generators. In 2007 Trombetta - Tympanium became one company combining years of collective experience and expertise in the design, development, and manufacture of cost-effective electromechanical and electronic products that are used for application solutions. Trombetta - Tympanium’s products have become the industry standard for Powersports, Lawn and Garden Equipment, Agriculture and Construction, Medium and Heavy Trucks, RV, and Marine applications.