



High Country Tek, Inc.

Press Release - HFS-J-Bus

Electronic Control Solutions for the Global Fluid Power Industry



Passenger Bus and RV Hydraulic Fan System Controller.

This one controller now offers the **bus and public transportation sector** a very cost effective solution for all of the features and benefits associated with hydraulic fan cooling, while offering all the advanced safety features normally required in this market.

All inputs and outputs are fully protected against opens and short circuits with the valve PWM signal being modulated using **SAE J1939** data signals and/or a discrete temperature sensor with user selectable settings for fan reverse and an alarm system interface.

The unit is environmentally hardened and has an extended operating temperature range and supply voltage as well as full **SAE J1455** 'load-dump' protection.

The controller comes with a momentary 'Heat-Event' trigger input that interfaces with the *engine bay installed heat detection circuit* and directly forces the output to immediately drive to minimum fan speed for safety.

Local diagnostic color LED's give the real-time status of the controller and warn if there are any issues with the system connections, environment or operation by a clear 'error-blink-code'.

All of the module options and operational configuration can be programmed and optimized by running the easy to use PC set-up software that requires minimal information to deliver a fully working system.

Three mounting points provide secure attachment while product integrity is provided by total encapsulation in flame resistant resin. All permanent harness connections are made via an IP69K industry standard 12 way Deutsch male connector to ensure system weather-tightness and reliability at all times.

This product will interface with all commonly available OEM hydraulic valve and pump equipment and can be HCT factory pre-programmed with the customer configuration file and private labeled if required for series production.

High Country Tek, Inc. (HCT) is North America's foremost independent designer and producer of modular, ruggedized digital and analog electronic controller products for the global fluid power industry.

HCT's market neutrality and flexible product configuration approach allows easy integration with virtually any hydraulic OEM products for easy, simple and accurate control of valves, pumps, sub-systems or systems.

High Country Tek has an industry unique product protection process, with every product encapsulated in flame resistant material for reliability, electrical integrity and complete environmental security. HCT is also a market leader in many application arenas, including hydraulic generator and fan system controls where significant fuel, emission and operational savings can be realized by using one of the company's specialized units to optimize the applications operation.



www.highcountrytek.com