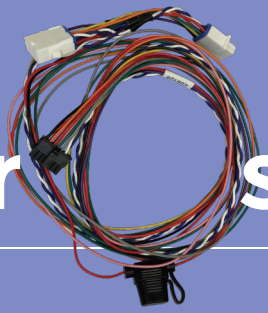
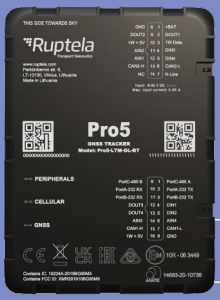
Ruptela

Reefer solution



Supported devices





Datasheet

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The Reefer Solution is a comprehensive telematics system designed to optimize the monitoring and control of refrigerated transport. By enabling direct access to the refrigerator's CAN data without additional hardware costs, it ensures a seamless flow of critical information. This solution empowers logistics teams with real-time visibility into reefer location and performance metrics – such as temperatures, compressor activity, battery levels, and more – while also supporting remote setpoint adjustments and proactive alerts. With the ability to integrate extra sensors, including temperature, door, and fuel level sensors, the Ruptela device offers a robust and scalable solution for maintaining cargo integrity and improving operational efficiency.

Supported Thermo King reefers

- SLX-100 and SLXe-100
- SLX-300, SLXe-300, SLXi-300 and SLXi-300 Whisper Pro
- SLX-Spectrum, SLXe-Spectrum, SLXe-Whisper, SLXi-Spectrum and SLXi-Spectrum Whisper Pro
- SLX-200, SLXe-200 and SLXi-200
- SLX-400 and SLXi-400
- Any other model that uses SR2, SR3 or SR4 HMI.

Supported parameters

- Battery voltage
- Total electric hours
- Total vehicle hours
- Total engine hours
- Return air temperature (from up to 3 zones)
- Setpoint temperature (from up to 3 zones)
- Operating mode
- Cycle mode
- Discharge air temperature
- Evaporator coil temperature
- Coolant temperature
- Compressor RPM
- Ambient temperature
- Alarm count

Easy installation

The Thermo King Splitter-Harness (K00128) is a convenient solution for quick and hassle-free installation of HCV5 and Pro5 GNSS trackers on Thermo King trailer reefers equipped with Smart Reefer HMI. This harness enables seamless access to CANbus data while maintaining system integrity.

One of its key advantages is the inclusion of an extra connection point. If all CAN sockets are in use, the Splitter-Harness allows one accessory to be temporarily disconnected and rerouted through the harness – ensuring no loss of functionality. This makes it an ideal choice for efficient and flexible integrations.

Configuration

More information on the installation and configuration of the device can be found here: doc.ruptela.com