

## TrainWise® Vehicle Switch

The TrainWise® Vehicle Switch (NT08) is a suite of managed, layer-2 Ethernet switches for interconnecting on-board systems. When configured in a fault-tolerant ring network, NT08 switches provide a complete solution for Ethernet car networks.

The NT08 is fully compliant to rail transit standards and supports enhanced features for network redundancy, security and configurability. Switch features can be easily and securely managed through USB and network interfaces.

**Total units ordered/delivered:** 1,300



Product size and connectors may vary depending on configuration.

### Key benefits

**Advanced diagnostics.** Supports car network troubleshooting with real-time status information to monitor switch health, network connections and other vital information. Port mirroring allows easy connection for external network analyzers.

**Fault tolerant.** Supports redundant network topologies with failover using Rapid Spanning Tree Protocol (RSTP).

**Flexible.** Supports features for flexible network topologies such as VLAN, QOS (3 levels), traffic shaping and port-based DHCP.

**Secure.** Networks remain secure through use of password protection and sophisticated network segmentation and traffic isolation.

### Main characteristics

- » Multiple port configurations are available to suit any size network
- » Switch features can be programmed via SNMP, web interfaces or plug-in USB drive
- » Quality of Service features provide network traffic prioritization for improved network performance and better handling of time-sensitive data
- » VLAN configurable for improved network performance and security through logical segmentation and isolation of network traffic
- » Rapid Spanning Tree Protocol affords path redundancy with rapid healing to decrease downtime due to connection failures
- » Compliant with IEEE and IEC60571/EN50155 standards

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