

# SMART BUSBAR CONNECTOR FOR SERVER RACKS

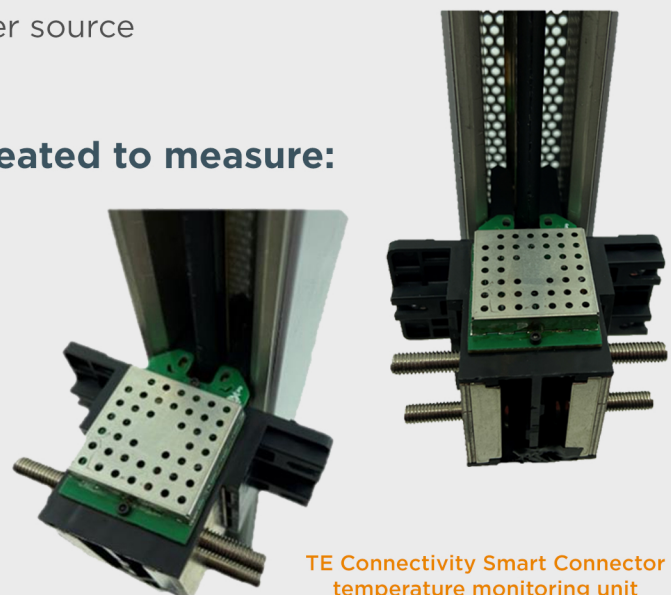
Power connectors inside server racks may undergo temperature-related failures, causing service disruption. Outfitting power connectors with sensors enables real-time monitoring of their condition, allowing careful overdriving and planned repairs.

## Key Benefits:

- Smart busbar power connectors send temperature data to a server rack controller
- Failures can be predicted and corrected
- Connectors can operate with higher current when protected with monitoring
- Output can be communicated wirelessly using RF signals or using Thermistors
- Powered from busbar, no additional power source

## TE Smart Busbar Connectors can be created to measure:

- Air pressure
- Humidity
- Voltage/Current
- Transient conditions



TE Connectivity Smart Connector  
temperature monitoring unit

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