Product Transition Guide: TeSys T to TeSys Tera

Intelligent motor management

Schneider Electric is replacing TeSys™ T with TeSys Tera, the new intelligent motor management solution. This transition affects all customers using TeSys T for motor control and protection.

Why the transition to TeSys Tera?

Modernization and digital readiness: TeSys Tera is designed for the future of connected operations.

Enhanced capabilities: TeSys Tera offers superior modularity, diagnostics, and integration options.

Deliver more value with TeSys Tera

Operational benefits

- **Real-time monitoring:** avoid unplanned stoppages with live data and alerts.
- **Advanced diagnostics:** quickly identify and resolve faults.
- **Predictive maintenance:** extend equipment life and reduce downtime.
- **Remote access:** monitor and troubleshoot from anywhere.[1]

Technical advantages

- **High I/O capacity:** up to 32 DI, 13 DO, and 16 temperature inputs.
- **Superior accuracy:** 1%–3% measurement precision across current, voltage, power, and energy.
- **Modular design:** flexible installation and easy expansion.
- **Integrated communication:** supports Modbus TCP, Modbus Serial, Profibus, EtherNet/IP, and Profinet.

Sustainability and efficiency

- **Energy monitoring:** track and reduce energy consumption.
- **EcoStruxure™ integration:** get actionable insights with a seamless software and analytics platform.

Transition timeline

- Last-time buy date for TeSys T: Q3 2026.
- TeSys Tera availability: fully available now for new installations and retrofits.[2]

1. When paired with software and services.
2. Profinet communication available Q1 2027.

How to select a TeSys Tera SKU (reference)

TeSys Tera's modular design means flexible installation and future expansion.

1 Select the **main unit** with your desired communication protocol and control voltage.

LTMT **M** **FM**

- **LTMT** — Series
- **M** — Communication type:
  - **M:** Modbus RTU
  - **P:** Profibus DP
  - **E:** Modbus TCP/IP and EtherNet/IP
  - **PN:** Profinet
- **FM** — Supply range:
  - **FM:** 100-240V AC/DC
  - **BD:** 24V DC

2 Select a **single current sensor unit** depending on the FLA range of the motor or other load.

For example, to replace a LTMR27EFM (assuming a <25A load), use LTMTEFM + LTMTCTV25UT.

Module	Current Range
LTMTCTV3UT	**0.3–3A**
LTMTCTV25UT	**2.5–25A**
LTMTCTV100UT	**10–100A**

Installation options

Standalone integration

Add to existing control panels.

Add-on to MCCs

Retrofit into current motor control centers.

Pre-installed iMCCs

TeSys Tera built in for new projects.

How does this transition impact my MCC?

It will not impact your MCC. Buckets using TeSys Tera are the same size as those using TeSys T.

How does TeSys Tera retrofit?

Buy a new bucket with TeSys Tera or just replace the starter. Direct replacement of the overload relay is not possible due to a different mounting footprint.

For help, contact Schneider Electric sales and technical support teams or system integrators and distributors trained on TeSys Tera.

Learn more

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