

Lead your efficiency with TeSys  
Power Control & Protection

## TeSys Universal

These **products** meet the needs of 80% of Power Control and Protection applications.

## TeSys Advanced

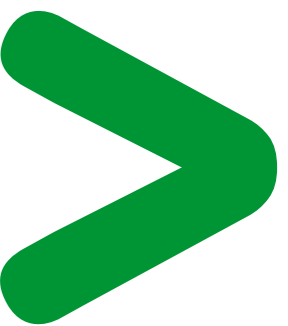
These products meet your need for **advanced** or even predictive **protection** of your machine, equipment or process.

## TeSys Solution

**Ready-to-use** solutions for your specific application.

# Lead your efficiency with TeSys

Power Control & Protection



### Schneider Electric Industries SAS

**Head Office**  
89, bd Franklin Roosevelt  
92506 Rueil-Malmaison Cedex  
France  
[www.schneider-electric.com](http://www.schneider-electric.com)

Owing to changes in standards and equipment, the characteristics given in the text and images in this document are not binding until they have been confirmed with us.  
Print: Schneider Electric  
Design: Manitoba  
Photos: Schneider Electric



# Power Control and Protection is getting more reliable with TeSys



Your requirements

+



TeSys innovation

=

## 100% reliable

Schneider Electric puts reliability at the heart of its strategy of innovation and, with TeSys, offers a wide range of solutions for the Power Control and Protection that covers all your needs, from basic to advanced.

# Benefit from constant innovation with TeSys

Make the most of your energy



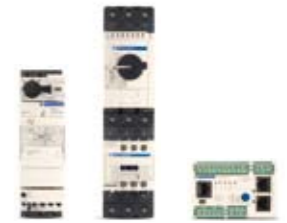
Leader in the motor starter market for more than 80 years, Schneider Electric puts efficiency at the heart of its innovation strategy and, with **TeSys**, offers a wide range of solutions for Power Control and Protection.

All stages of the life cycle are taken into account: design, installation, commissioning, operation, maintenance and the end of your equipment's life cycle. Schneider Electric is constantly adding new solutions to make your equipment more efficient.

Schneider Electric is committed to an impeccable **level of quality** via the quality processes implemented within its Research & Development centres and manufacturing facilities.

Reduced **environmental impact** of its products and solutions, as well as their **energy efficiency**, are also two fundamental aspects of its approach to design and production.

## Get TeSys



Material Handling



Water



Packaging

Packed with innovation, the TeSys U range symbolises Schneider Electric's determination to simplify processes, anticipate needs and do more with less.



Hoisting



HVAC & R



Textile



Lifts & Escalators



Food & Beverage

With its EverLink terminal block, the new range of TeSys GV & D motor starters provides great connection reliability combined with a compact size and ease of installation that are unrivalled.

Oil & Gas

Mining Metal Mineral

TeSys T is an advanced motor management and protection system. It is capable of preventing all malfunctions associated with a motor. Unexpected stoppages of a process or manufacturing run are anticipated.



**A comprehensive offer.** From 0 to 2500 A, AC or DC, with or without motor loads, the TeSys range meets all your Power Control and Protection needs.

**Worldwide, local or application-based certifications.** With more than 35,000 references certified by recognised bodies, TeSys helps you to comply with regulatory or application requirements, whatever your equipment is used for.

**Worldwide availability.** Present in 190 countries, Schneider Electric ensures the availability of service and TeSys products wherever you need them.



**Reduced design times.** Choosing TeSys solutions simplifies the design of your installations (coordination table, multifunction product etc.).

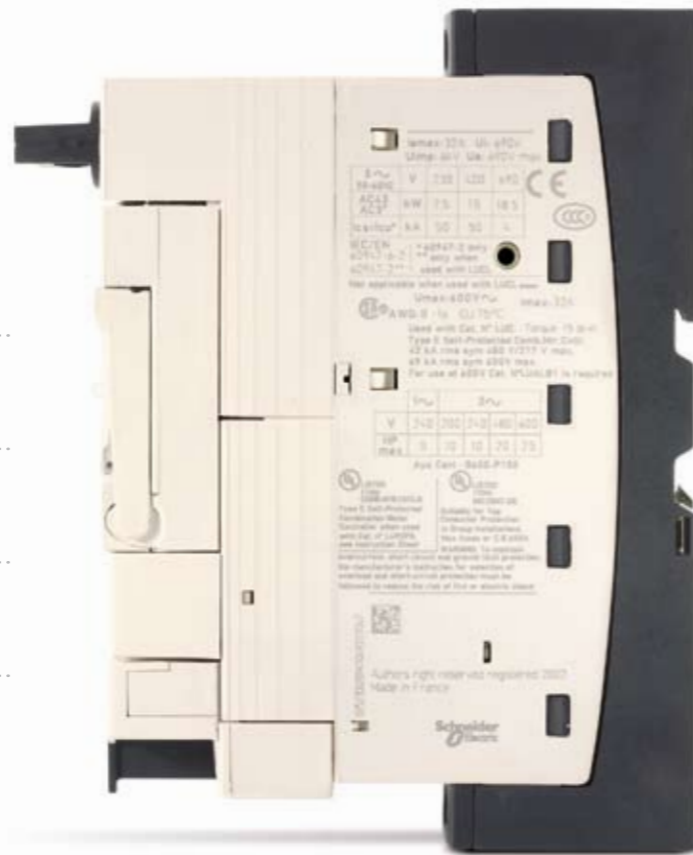
**Smaller electrical enclosures.** With TeSys, have compact and innovative solutions that allow you to reduce the size of electrical enclosures. This space saving limits the purchase of costly raw materials needed to manufacture enclosures (copper, sheet metal, etc.).

**Reduced installation times.** Late customization capability of TeSys U means that the motor starter can be adapted at the last moment.

## Unlimited prospects



CE 0080  
Ex II (2) GD



**100%**  
available

Presence  
in 190 countries

## Guaranteed savings



**-40%**

“TeSys solutions allow us to reduce the size of our enclosures by up to 40%”

says a panel builder from the water treatment sector in Russia

**+60%**

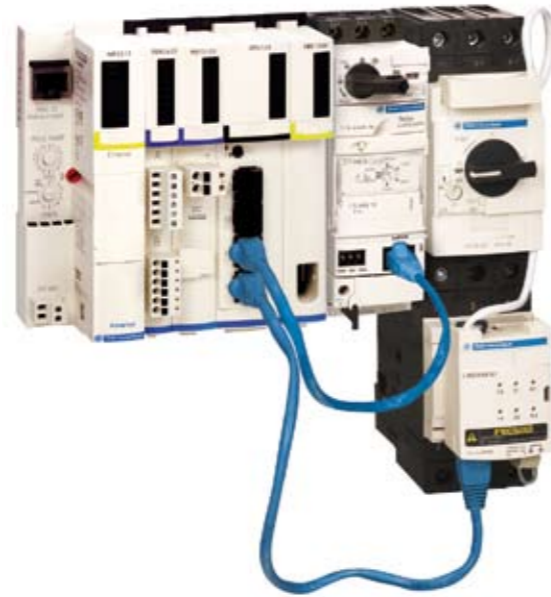
“Late customization means that we can build 60% of the panels, even though the project design has not yet been completed”

says an engineer in a food processing industry in the United States

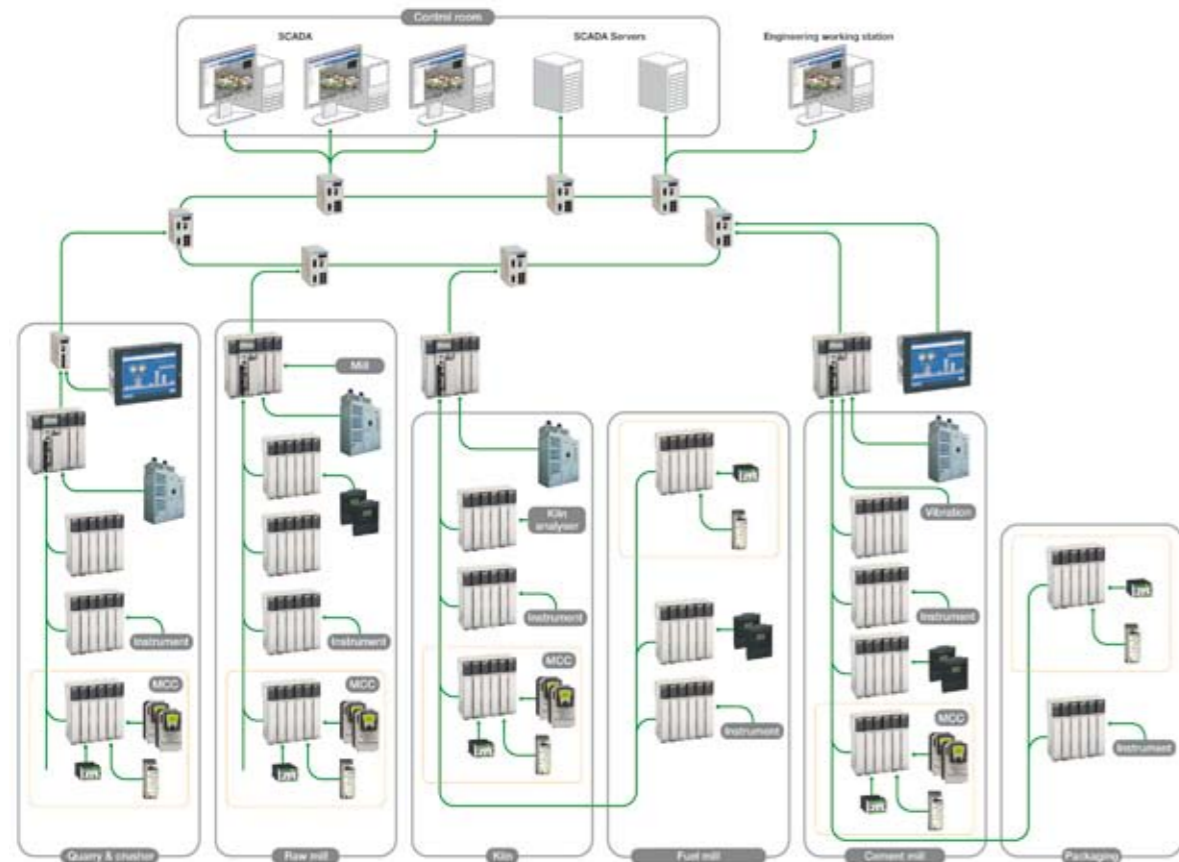
# Guaranteed interconnectivity of equipment

**Direct compatibility with your low level inputs/ outputs.** TeSys can be controlled directly by low level outputs via its wide range, low consumption, DC coils.

**Open to all communication networks.** Whatever your communication protocol, TeSys has chosen the open approach and can communicate with your equipment.



➤ Example of architecture in cement factory



**Limit the number of machine stoppages** due to the reliability and coordination of TeSys motor starter components. (safety scheme) With the diagnostic functions of TeSys Advanced\*, it is now possible to anticipate and avoid breakdowns.

**Reduce repair costs and times.** Diagnostic functions make it possible to immediately identify the cause of a failure and to take appropriate action.

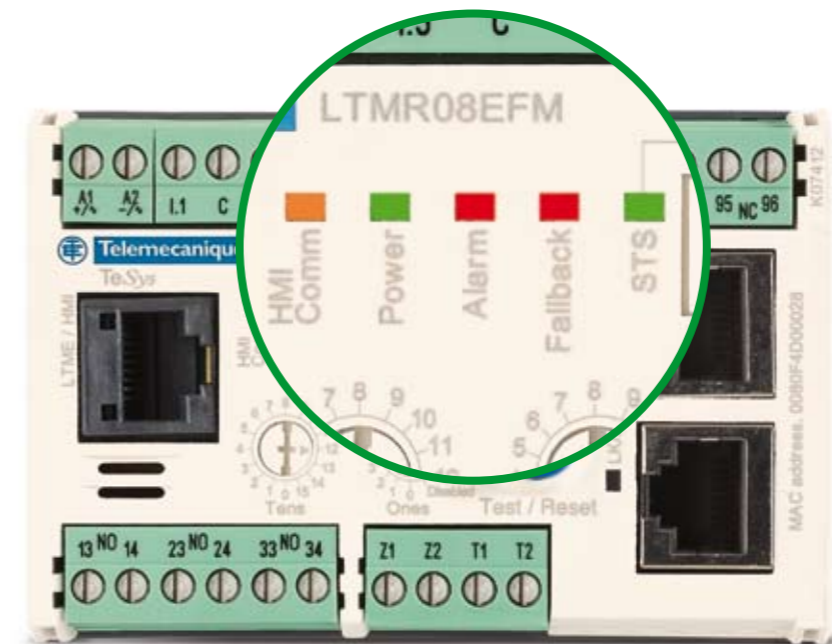
**Reduce energy consumption:** the innovative design of TeSys products improves energy efficiency and leads to energy savings of up to 25% (low consumption coils, electronic protection).

**100%**

“Continuity of service is essential, our process must not stop... we have to re-start immediately”

says the production manager of a cement works in France

# Increased productivity and functional safety



**-25%**

“energy saving, thanks to low heat dissipation”  
says a packaging OEM in Switzerland

\*TeSys Advanced please refer to TeSys Guide

With TeSys, Schneider Electric has a comprehensive range of products that meets requirements for Power Control and Protection, motor starters and advanced protection of the machine or process.

