

# Lead your efficiency

Motor Control & Protection



TeSys U



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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  
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Material Handling



Packaging



Hoisting



HVAC & R



Textile



Lifts & Escalators



Food & Beverage



TeSys U clearly demonstrates Schneider Electric's determination to do better with less, in line with the efficiency needs of machine manufacturers.

#### TeSys U, flexibility and performance

Capable of adapting, very simply, to configuration changes during the installation phase.

Supports adjustments or upgrading of its functions after machines have been put into production.

#### TeSys U, an efficient choice

The compactness of TeSys U solutions and their low heat dissipation make them ideal for all types of machine.

#### TeSys U, open communication

Able to evolve and change into an automation tool capable of communicating openly with the main industrial protocols.

#### TeSys U, a widely endorsed solution

Worldwide availability, performance, very high level of quality and interchangeability with conventional solutions mean that TeSys U motor starters are endorsed by the majority of machine manufacturers.



Protection and control requirements



TeSys innovation



**100%**  
efficiency

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

# Ensuring industrial efficiency

## > Cost-effective alternatives

### Simplified installation and real reduction in space requirements

TeSys U is a compact solution that takes up less space than conventional motor starters.

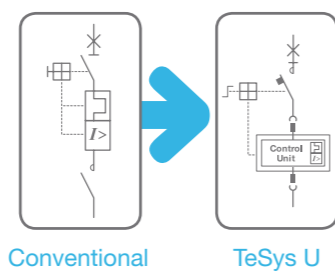
Installation becomes simple and part numbers are divided by 4.



### Which reduces heat dissipation and energy consumption

Choosing TeSys U components allows the heat dissipation generally induced by motor starters to be reduced by more than half.

The air-conditioning system that regulates the temperature therefore has less work to do. Energy consumption is significantly reduced.



Conventional

TeSys U

**+40%**  
surface savings

compare to conventional motor starter

**Up to 75%**

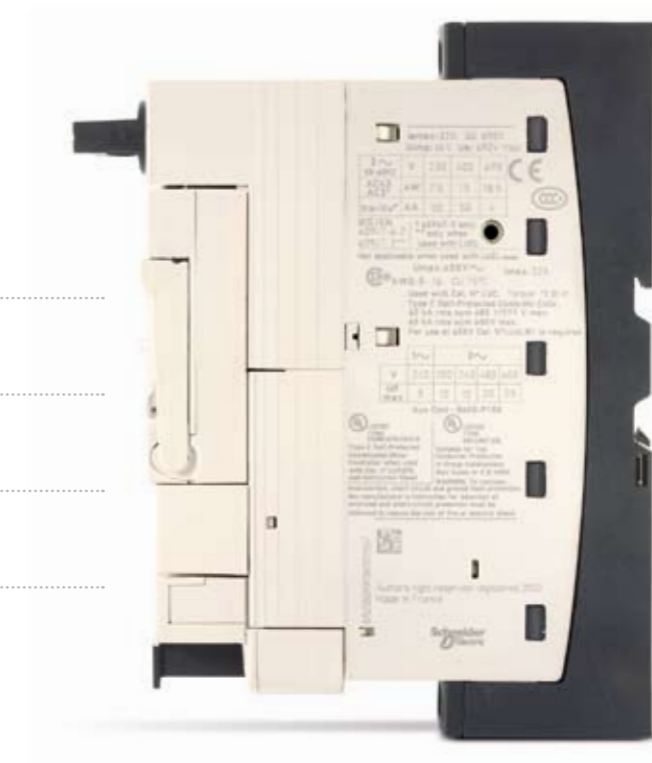
reduction of heating dissipation. Less panel temperature conditioning

**3 functions in 1 device**

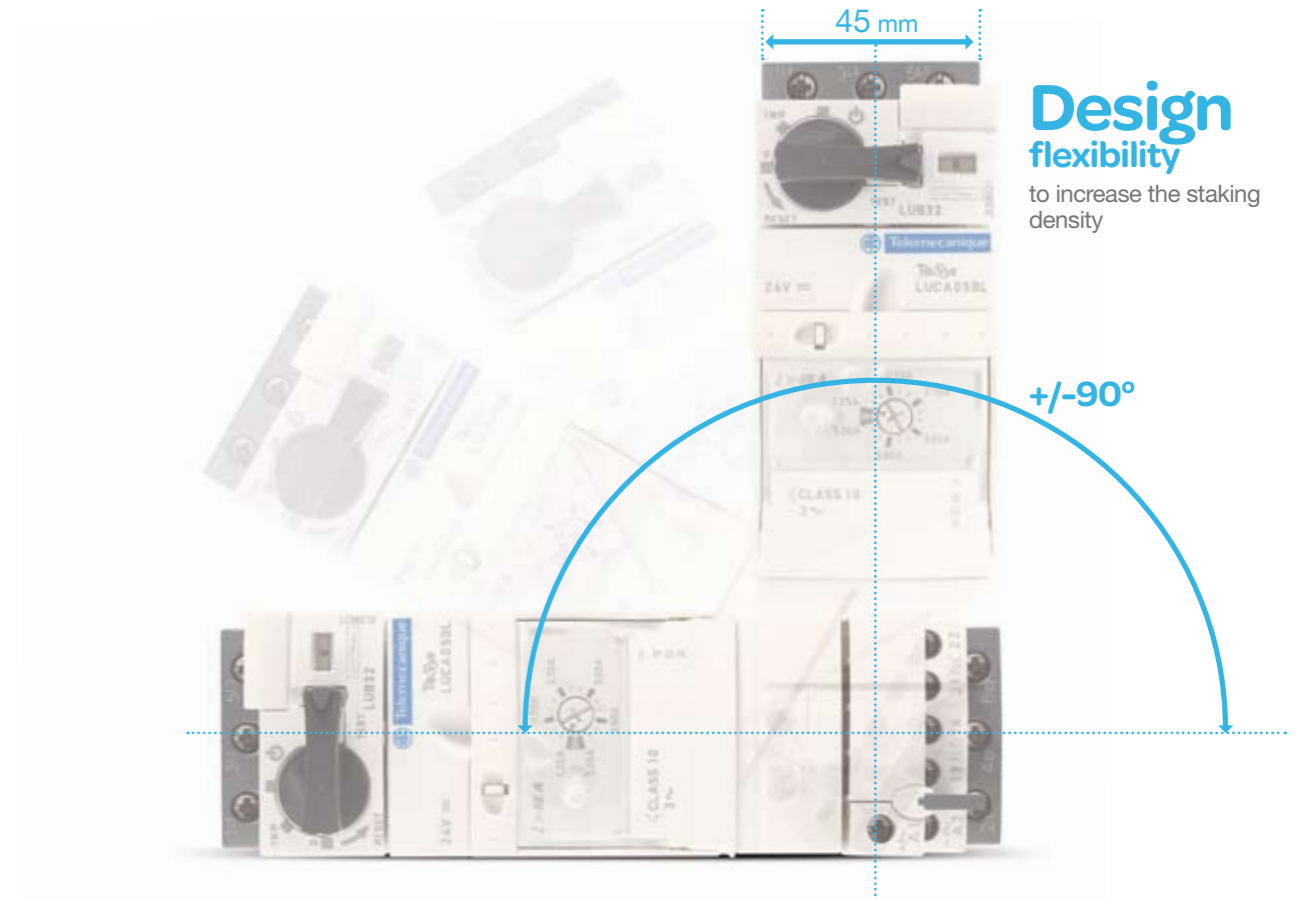
6 part numbers to realize motor starters up to 15 kW



CE 0080  
Ex II (2) GD



**100%**  
worldwide availability



**Design flexibility**  
to increase the stacking density

**+/-90°**

# Allowing infinite agility

> Speed and open approach

## With TeSys U, save time

By building more than 60% of your panel in advance, thanks to the delayed personalisation capability.

By reducing assembly and wiring times



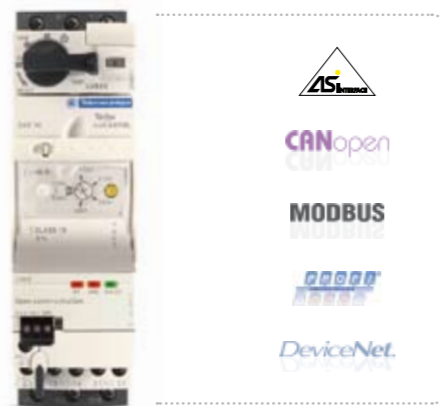
Up to **60%**  
of panel done  
while still engineering  
the project

Up to **45%**  
of wiring  
optimization.  
Savings is much higher  
when control is realized  
with pre-wiring or  
field buses solutions

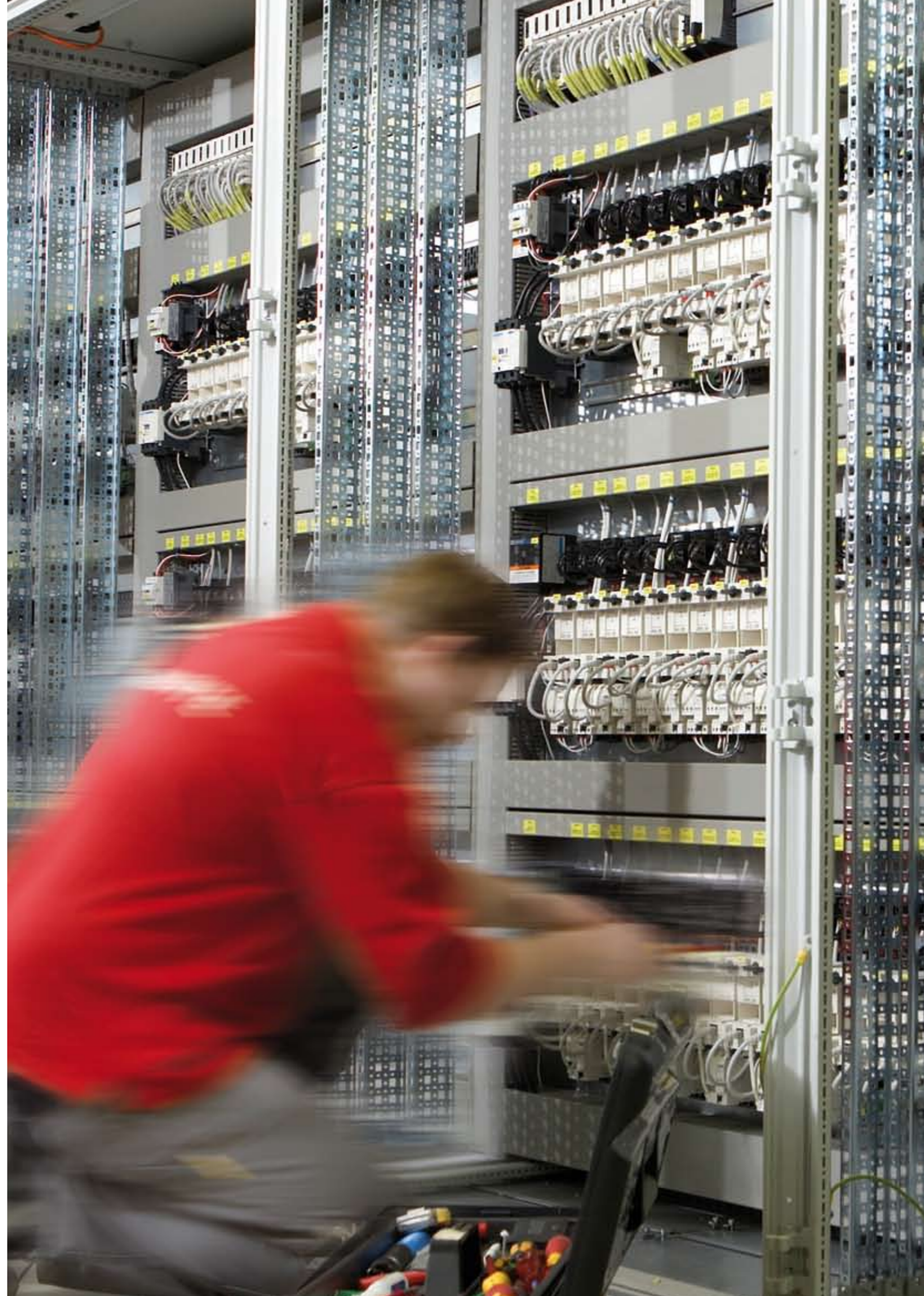
**5** certified  
field bus  
supported to fit  
with main network  
architectures  
(CiA, PNO and ODVA)

## And speak your customers' favourite language

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



**TeSys U**  
in combination with  
Advantys STB





Forme pour la  
3e de couverture  
2 coups de pouce pour  
insert du 12 pages

