

# TeSys U Self-Protected Combination Motor Controllers

Compact design features outstanding  
performance and optional communications

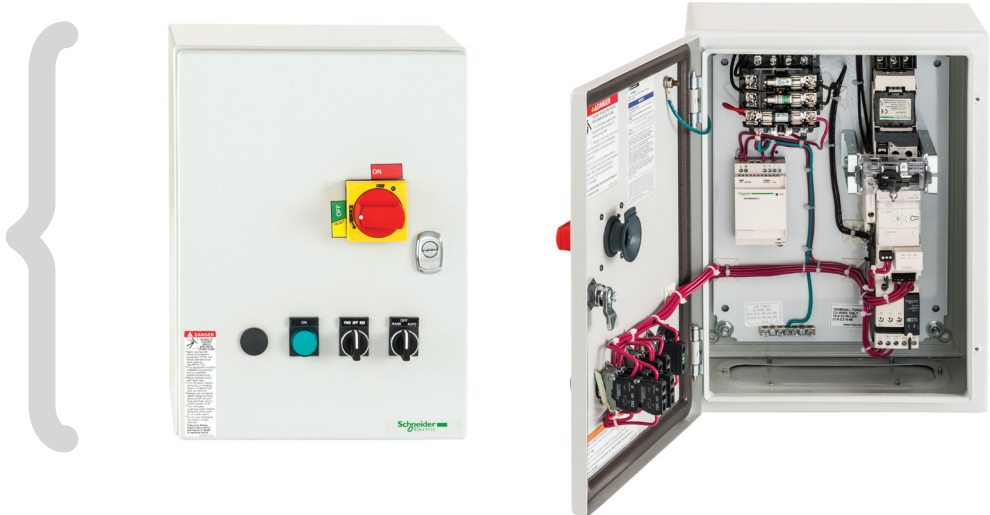
Make the most of your energy™

**Schneider**  
Electric

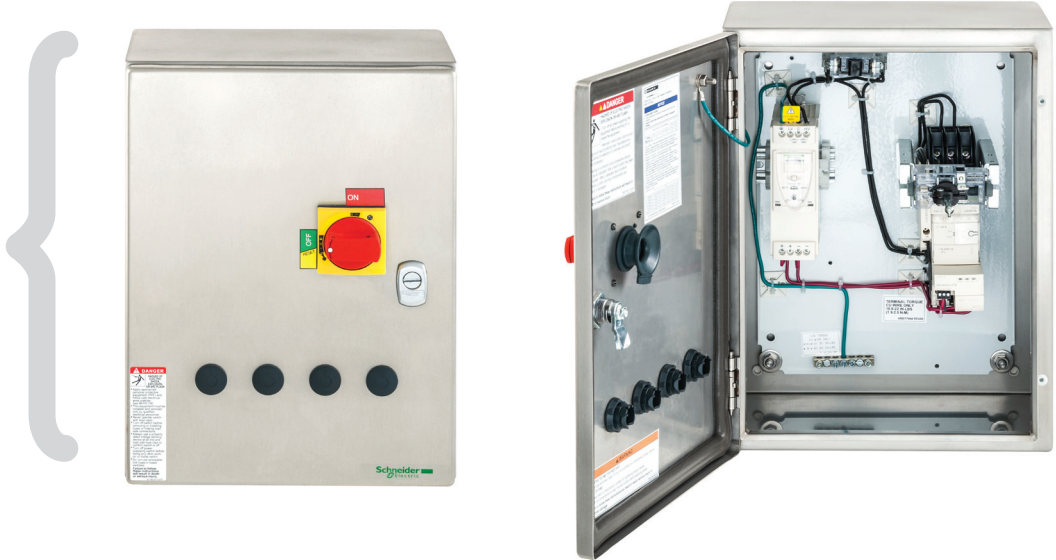
# Redefining the industry standard

Introducing the TeSys™ U Self-Protected Combination Starter, the smaller, next-generation IEC® combination motor controller from Schneider Electric. This new compact combination starter offers optional communication modules for a wide variety of network protocols. The TeSys family of products are simple to choose, install, and use. Competitively priced, they offer options to match your exact needs.

Type 1/12/3R,  
painted steel



Type 4/4X,  
stainless steel





**Superior  
performance  
you can trust**

**Fast, five-day delivery of popular TeSys combination starter options boosts your manufacturing or facility productivity.**

Choose the TeSys U Self-Protected Combination Starter for:

#### **Modern IEC motor control technology**

- Full voltage non reversing, full voltage reversing, or soft start motor control in IEC ratings from 0.15 to 32 amps
- Space-saving design in NEMA Type 1/12/3R painted steel or 4/4X stainless steel enclosures
- Superior energy efficiency using only 9 W of continuous power
- Optional factory wired 24 V DC power supplies
- Eight available field buses and a gateway to Ethernet TCP/IP

#### **Increased uptime**

- Interchangeable Advanced Control Units with motor protection functions including wide 4:1 current adjustment range dials
- Field-adaptability for last-minute motor full-load ampere (FLA) changes
- Totally coordinated motor starter — ready to restart the system immediately after fault is cleared
- Short circuit current rating — 65 kA on 480 Y/277 V systems according to UL® 508 Type E, with an option of 130 kA at 480 V Delta

#### **Fast delivery**

- Fast five-day availability for hundreds of versions including networking modules, control transformers, pilot lights, and auxiliary devices

# TeSys U Self-Protected Starter

## Flexibility through modularity

The modularity of the units allows you to choose the features and functionality required by your design. Customize products to adapt to your motor control needs by mixing and matching modular combinations.

## Optional features:

### Reversing module

- > A phase reverse module can be mounted below the TeSys starter power base. This module adds only 70 mm (3 in.) in height and creates a reversing starter that is only 45 mm wide (1.77 in.).

### Integrated communications

- > TeSys U motor controllers connect to a wide variety of networks, a capability rarely found in units size 1 and below (0 and 00). The TeSys U motor starter offers choices of integrated communication using eight field buses: Modbus, ASi, ASi v2, Profibus®, DeviceNet™, Beckhoff®, and CANopen®, as well as Advantys™ STB. All of which can be added to the TeSys starter to create an integrated unit.

### Predictive maintenance

- > TeSys U motor starters offer a predictive maintenance module for analyzing and managing critical applications. This gives advanced warning that an event such as excessive current, a phase imbalance, or a ground fault could occur, allowing you to take corrective action to avoid system downtime or delay.

Available communication networks:



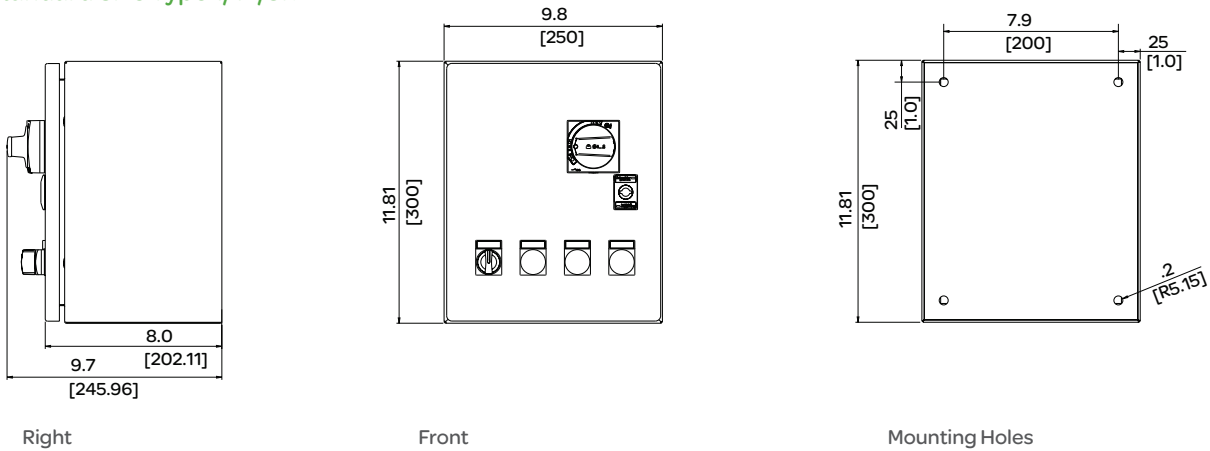


- A** TeSys starter
- B** Plug-in control units
- C** Plug-in function module
- D** Plug-in communication module
- E** Reversing module

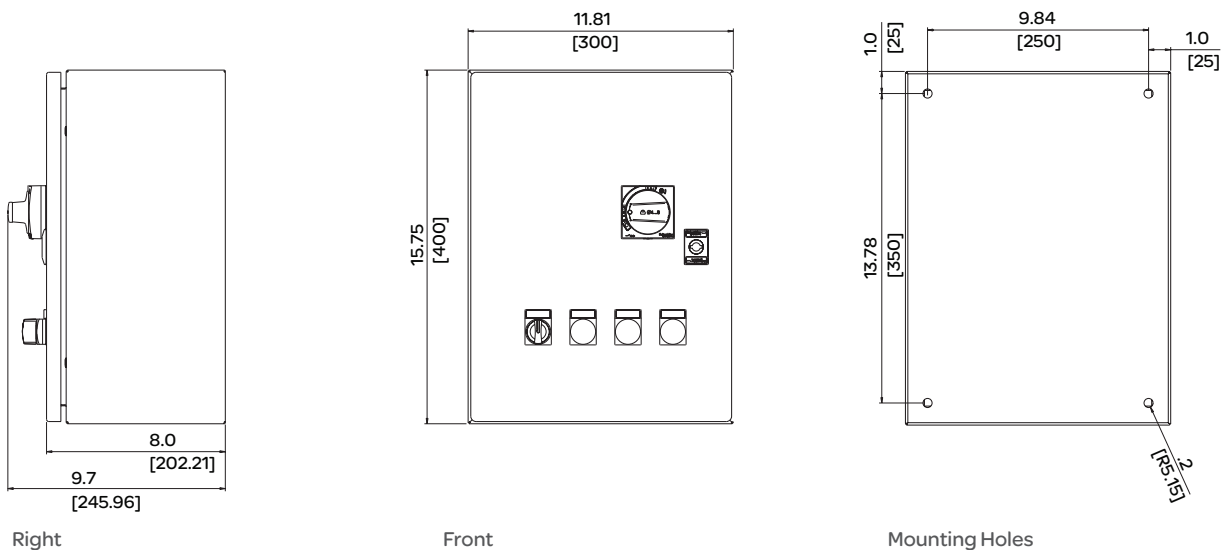
# Dimensions

Type 1/12/3R enclosures are available in two sizes, standard and oversize. Type 4/4X enclosures are only available in oversize.

## Standard Size Type 1/12/3R



## Oversize Type 1/12/3R and 4/4X



For more information on the TeSys U Self-Protected U Combination Starter Motor Controller, contact your authorized Schneider Electric™ distributor, visit [www.schneider-electric.com/us](http://www.schneider-electric.com/us), or call **888-778-2733**.

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