

SIMATIC ET 200SP

# SIMATIC ET 200SP e-Starter

## Ultra-fast, extra smart.

### Excellent start for demanding applications

The multifunctional SIMATIC ET 200SP e-Starters are fully integrated into the SIMATIC ET 200SP IO system. They are fully electronic switching and protection devices for 1- and 3-phase consumers with electronic short-circuit protection, reversing functionality and optimized starting characteristics. This makes them short-circuit-proof, low-wear and extremely durable. The wide setting range and the integrated reversing functionality reduce the workload required for warehousing and configuration with low device variance. The simple installation thanks to the wiring bus and plug-in technology enables fast commissioning and increases plant availability. The devices are approved worldwide (e.g. IEC, CCC and cULus) and are IE3 / IE4 ready.

- **Greater availability** thanks to ultra-fast, electronic switching in the event of a short-circuit
- **Greater durability** thanks to gentle Smart Start
- **Greater efficiency** in engineering through integration in SIMATIC STEP 7 (TIA Portal)
- **Greater flexibility** due to proven SIMATIC ET 200SP system properties

**SIEMENS**

# SIMATIC ET 200SP e-Starter – Impressive in practical use

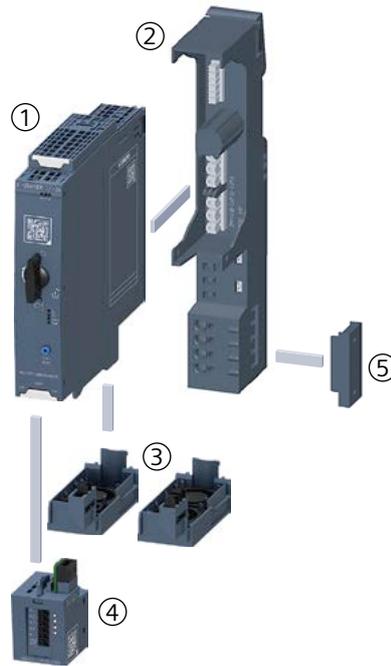
SIMATIC ET 200SP e-Starter was developed in close consultation with potential users and responds to their challenges.

A typical application of the SIMATIC ET 200SP e-Starter is the reduction of short-circuit-related downtimes. If, for example, there is an increased risk of a short-circuit in a humid environment, the e-Starter detects a short-circuit and switches so quickly that no relevant short-circuit currents are generated and thus protects the entire application.

With high switching frequency and the use of highly efficient motors (e. g. IE3 / IE4), the integrated Smart Start reduces and neutralizes high starting and inrush currents, prevents false tripping of the protective devices and reduces the mechanical load during starting.

## e-Starter with accessories

- ① SIMATIC ET 200SP e-Starter
- ② BaseUnit for ET 200SP e-Starter / Motor starter
- ③ Fan unit with one fan (included in the scope of e-Starter) or with 2 fans
- ④ 4 DI (LC) Basic Submodule
- ⑤ Infeed bus cover (included in the scope of supply of the BaseUnit)



More Information  
[siemens.com/e-starter](https://www.siemens.com/e-starter)

Discover more!



All sizes, types and accessories:

Order now!



## SIMATIC ET 200SP e-Starter

Order information (selection)

e-Starter – Basic	
0,1 ... 2 A	3RD1000-0BA00-0EPO
0,7 ... 7 A	3RD1000-0BB00-0EPO

Fan units	
1 Fan	3RD1000-1FS00-0BP0
2 Fans	3RD1000-1FD00-0BP0

BaseUnits*	
AC/DC	3RK1908-0AP00-0AP0
AC	3RK1908-0AP00-0BP0
DC	3RK1908-0AP00-0CP0
without infeed	3RK1908-0AP00-0DP0

\* AC: Infeed 480 VAC (main circuit)  
 DC: Infeed 24 VDC (control circuit)

4DI (LC) Submodule	
Basic	3RD1000-1MB00-0BP0

## Highlights



### Ultra-fast – Short-circuit “without” short circuit current

- Minimal short-circuit energy due to wear-free switching that is up to 1,000 times faster as compared to electromechanical and hybrid starter solutions
- Ready to switch on again immediately after fixing the short-circuit without device replacement



### Extra smart – Protects high-efficiency motors and sensitive applications

- Innovative Smart-Start neutralizes inrush currents and reduces torque shocks during starting
- Less electrical and mechanical load, resulting in low maintenance workload



### System-Integrated – Engineering in SIMATIC STEP 7 (TIA Portal) from V19 onwards

- Fast, easy parameterization and commissioning without additional programming effort
- Detailed system diagnostics with plain text message save time when troubleshooting
- Easy device replacement through start-up parameterization



### Compact and flexible – Thanks to proven SIMATIC ET 200SP properties

- Narrow design (30 mm wide), integrated reversing start
- Tool-free assembly, reduced wiring and maintenance work
- Communication via PROFINET, EtherNet/IP, Modbus TCP

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