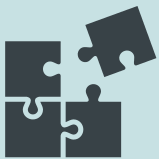


SIMATIC ET 200 in IP20

Integrated scalability, wide functionality and optimum usability for the control cabinet

The requirements of today's I/O systems are becoming ever more complex and varied. With the SIMATIC ET 200MP and ET 200SP systems, two systems are available to you for the central control cabinet and the distributed control cabinet that set new standards in usability, scalability and functionality.



Perfect scalability of functionality and costs

The modular design makes it possible to scale and expand the ET 200 systems simply and in small stages. Consistent scalability is also found in the module functionality, which ranges from modules with basic functionality, to standard modules, to high-feature and high-speed modules.



Time savings due to well designed usability

- Fast, simple and toolless cabling thanks to push-in technology
- Module replacement without changing the wiring due to separation of the mechanical and electronic components permits permanent wiring
- Reliable channel-selective diagnostics, directly on the module via LEDs



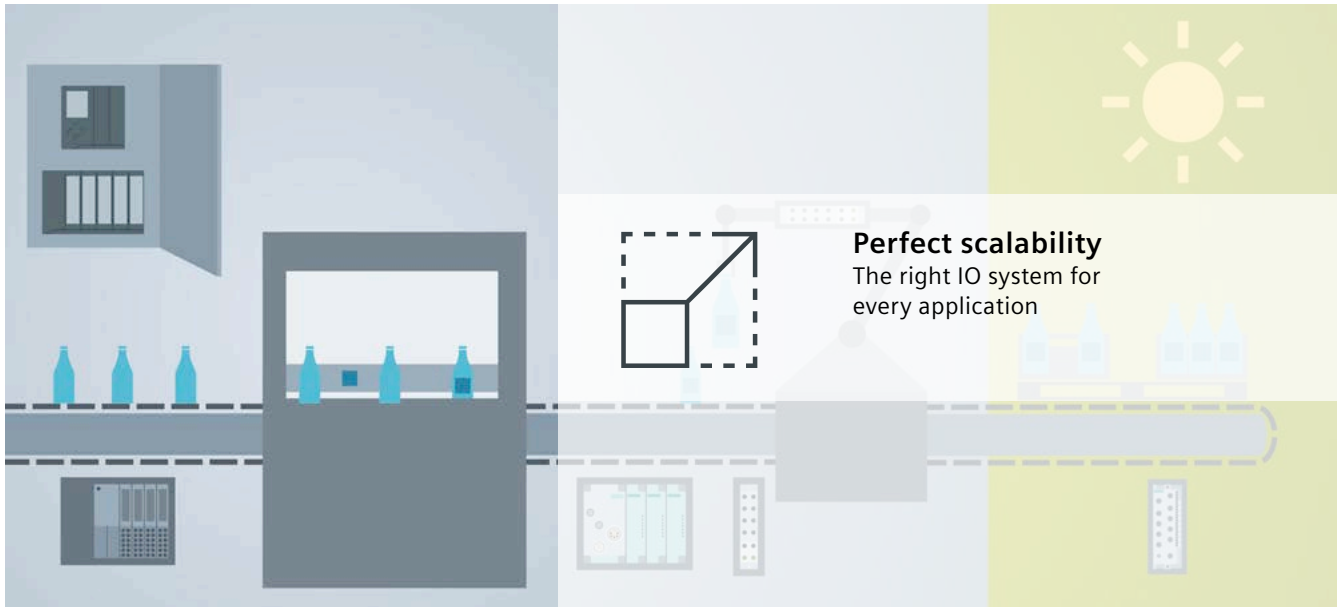
More flexibility due to wide functionality

The ET 200 system enables a multitude of functions to be covered. Digital and analog inputs/outputs, CPUs with full S7-1500 functionality, safety technology, motor starters, and various technology modules. Modules are also available for special applications, such as measuring and weighing or energy management.



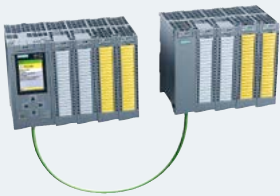
Standard and safety technology in a single system

One controller, one engineering system, one communication system for standard and fail-safe automation. The fail-safe ET 200MP and ET 200SP modules can be plugged in when required and also retrofitted in existing plants. That saves both engineering effort and hardware.



Perfect scalability
The right IO system for every application

The greatest performance and simplest usability in the central control cabinet

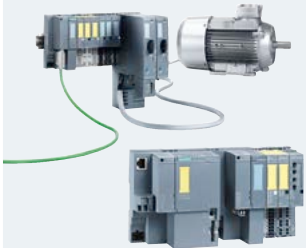


SIMATIC ET 200MP

Modular and scalable I/O system with high channel density

- Best performance and productivity in combination with S7-1500 Advanced Controllers for demanding requirements for speed and deterministic behavior
- Simplest usability during connection due to the prewiring position of the front connector
- Cost savings due to fast mounting and avoidance of wiring errors with SIMATIC TOP connect

Highest flexibility and strongest performance in the field



SIMATIC ET 200SP

Multifunctional and scalable distributed I/O system with a wide product range and effective footprint

Increased availability because module can be replaced when CPU is in RUN mode ("hot swapping")

- **System-integrated motor starters** for starting and protecting motors up to 5.5 kW in 4 setting ranges in standard and fail-safe variant
- Best plant transparency with modules for energy measurement and IO-Link Master
- Compact ET 200SP Distributed Controller for the mid-performance range for standard and fail-safe tasks up to SIL3 / PLe



Reduced engineering effort with configuration control (option handling)

With option handling, customer-specific variants of a previously configured maximum configuration can easily be generated without needing to adapt the project. This increases flexibility and saves costs.

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