The SIMATIC ET 200 systems with the high degree of protection IP65/67 are small, rugged, and powerful. They are ideal for use in harsh industrial environments, directly at the machine. The time-saving installation enables the most flexible implementation of automation solutions.

The systems for use outside the control cabinet are impact-resistant, dirt-resistant and protected against water. They are available in different versions – from the compact block I/O to the multi-functional modular system. **The advantage:** You save on additional components and space, reduce cabling work and benefit from very short response times.

**Your benefits at a glance:**

- **Flexible use without a cabinet**
  thanks to high shock and vibration resistance

- **Consistent plant transparency**
  due to IO Link V1.1 Master in all systems

- **Time and cost saving**
  due to simple and fast mounting of modules, reduction of cabling work and fast fault location
  due to channel-selective diagnostics

- **Optimum usability and more flexibility**
  due to the choice of the right system for every task

- **Clear time saving in engineering**
  TIA Portal and option handling permit fast adaptation to an existing maximum configuration
**Multifunctional and modular – ideally suited to motion applications**

**SIMATIC ET 200pro**
- Modular and scalable I/O system with high channel density
  - Modular system with large portfolio, including motor starter frequency converter and safety IO
  - S7-1500 Distributed Controller (including with Safety)
  - "Hot Swapping" permits module replacement when CPU is in RUN mode

**Small and light for simple mounting everywhere, including moving components**

**SIMATIC ET 200AL**
- Small and light system in the plastic housing for mounting on moving plant components
- Low-cost fail-safe shutdown of outputs up to SIL2
- Freely parameterizable digital mixed module with integrated counter (up to 2kHz)
- Shock and vibration-resistant up to 5 g at –25°C to +55°C
- Direct expansion of the ET 200SP system in IP65/67

**Robust for the toughest environment and weather conditions**

**SIMATIC ET 200eco PN**
- Suitable for outdoors and weather-proof due to fully encapsulated die-cast zinc housing at temperatures of –40°C to +60°C
- Resistant to dust, oil, and humidity
- Vibration resistant up to 20 g

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Errors excepted and subject to change without prior notice. The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.