

Solving small automation tasks successfully:
Using Micro Automation Sets makes it easier



Micro Automation Sets

Answers for industry.

SIEMENS

Loads of value added – all you want to know about Micro Automation Sets

In the area of micro automation, the complexity and the level of networking in machine building, industrial processes as well as in commercial building applications are constantly increasing. If you want to fully exploit potential savings, you need a variety of diverse products – in many specifications. Our Micro Automation Sets make the choice much easier for you.

What are Micro Automation Sets?

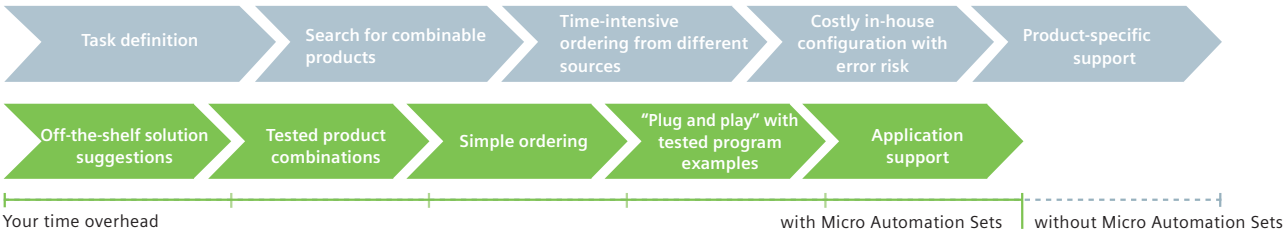
Our Micro Automation Sets are fully tested, fully functional product combinations which you can use to reliably solve a wide selection of micro automation applications. The unique “plug and play” principle ensures huge cost savings, whether you’re dealing with drive technology, building automation, remote control, communication or measuring/sensor technology.

Which products do the Micro Automation Sets contain?



The control tasks of the Micro Automation Sets are always handled by LOGO! or SIMATIC S7-200. Depending on the application, different automation products from our portfolio are connected via analog or digital inputs/outputs and bus systems. The products include sensors and actuators as well as switchgear, frequency inverters, human machine interface systems and communication devices.

What are the benefits?

- You can solve small automation tasks faster and easier.
- An integrated, tested solution package is available which you can fully rely on.
- You receive all information and data from one source.
- By combining standard components in one network, you safely can solve your automation task whilst making huge cost savings.



Overview of the categories




Category	Drive Technology	Building Automation
		
Task	Starting, controlling and positioning with standard drives	Controlling, monitoring and signaling in building applications
Applications (examples)	<p>Transport systems</p> <ul style="list-style-type: none"> • Conveyor belts • Hoisting gear and feeder systems <p>Mechanical engineering</p> <ul style="list-style-type: none"> • Bakery machinery and meat processing equipment • Suction plants • Textile and woodworking machinery • Strapping machines/winders <p>Elevator technology</p> <ul style="list-style-type: none"> • Small elevators and goods elevators • Escalators 	<p>House installations</p> <ul style="list-style-type: none"> • Lighting control • Shutter control <p>Building systems</p> <ul style="list-style-type: none"> • Air conditioning systems • Heating system control • Lighting control • Pump control • Access control

Who are the Micro Automation Sets especially suitable for?

Many different customer groups benefit from our Micro Automation Sets: from manufacturer of small machines, control panel builders right through to electricians. And our sets are also useful for industrial production lines which contain small, autonomous applications.

What categories are there?

Whether in industry, logistics, building or infrastructure: automation levels are continuously increasing. That's why our Micro Automation Sets cover the most varied areas of industrial automation. A large number of Micro Automation Sets are available for drive technology, building automation, remote control, communications and measuring/sensor technology. You will also find a response card in this brochure with which you can request the application briefs of our Micro Automation Sets for each category.

Remote Control	Communications	Measuring/Sensor Technology
		
<p>Remote monitoring and control of distributed plants</p>	<p>Human machine interfacing in industrial applications and simple networking</p>	<p>Recording, measuring and evaluation of non-electrical values</p>
<p>Water supply</p> <ul style="list-style-type: none"> • Pumping stations • Rainwater overflow basins <p>Power supply</p> <ul style="list-style-type: none"> • Transformer stations • Lighting monitoring <p>Transport systems</p> <ul style="list-style-type: none"> • Control of traffic information panels • Railway signal technology 	<p>Manufacturing</p> <ul style="list-style-type: none"> • Conveyor systems • Manual workstations <p>Production plants</p> <ul style="list-style-type: none"> • Rack-serving units • Pallet control • Visualization and SCADA systems • Control of drives 	<p>Object detection</p> <ul style="list-style-type: none"> • Materials handling • Gate control <p>Quality assurance</p> <ul style="list-style-type: none"> • Filling level control • Completeness inspection • Form inspection • Visual inspection • Color recognition



Custom-made information: Request our Micro Automation Sets
 Like to know more about the potential of our Micro Automation Sets in practice? Just tick one or more of the category boxes and we'll send you the appropriate application briefs on all the relevant Micro Automation Sets.

- Drive Technology
- Building Automation
- Remote Control
- Communications
- Measuring/Sensor Technology

What support can you get?

Our Micro Automation Sets not only help you to find the right product quickly – we also support you in using them with our “plug and play” tools for a fast start-up:

- **Information at a glance – application briefs**
Our four-page application briefs provide a quick overview of our Micro Automation Sets. Benefits, application areas, component lists, and contact details – it’s all there in a compact form.
- **Functions in detail – Micro Application Examples**
Want to see a detailed example of your Micro Automation Set? The Micro Application Examples show you what a concrete application can look like. All Sets are based on real-world applications as well as extensive tests and simulations. In this way, you benefit from detailed documentation and perfectly matched products.

“Plug and play” for every phase – free start-up software examples

Want an easy start? We offer codes and parameter sets for programming the application. This means “plug and play” at your ease – whether at the planning, engineering or commissioning phase.

- **Support in day-to-day practice – e-learning**
Would you like even more support in using your Micro Automation Sets? We’ll take you further – in our Internet “Training” area, for example, where you can find the most diverse e-learning products covering all aspects of Micro Automation Sets.

All this information is available online at

www.siemens.com/microset

You can also request the application briefs in printed form.



Your details

Name _____
Company _____
Street _____
ZIP code _____
City _____
Country _____
Tel. _____
Fax _____
E-mail _____

Please affix
stamp here

Reply

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For a quick response, fax this card to:

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More information about Micro Automation Sets on the Internet: www.siemens.com/microset

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