



SIEMENS

# SIRIUS

## modular system

Take advantage of a universal system for every size  
that also features 50,000 tested device combinations.



Fast



Cost-effective

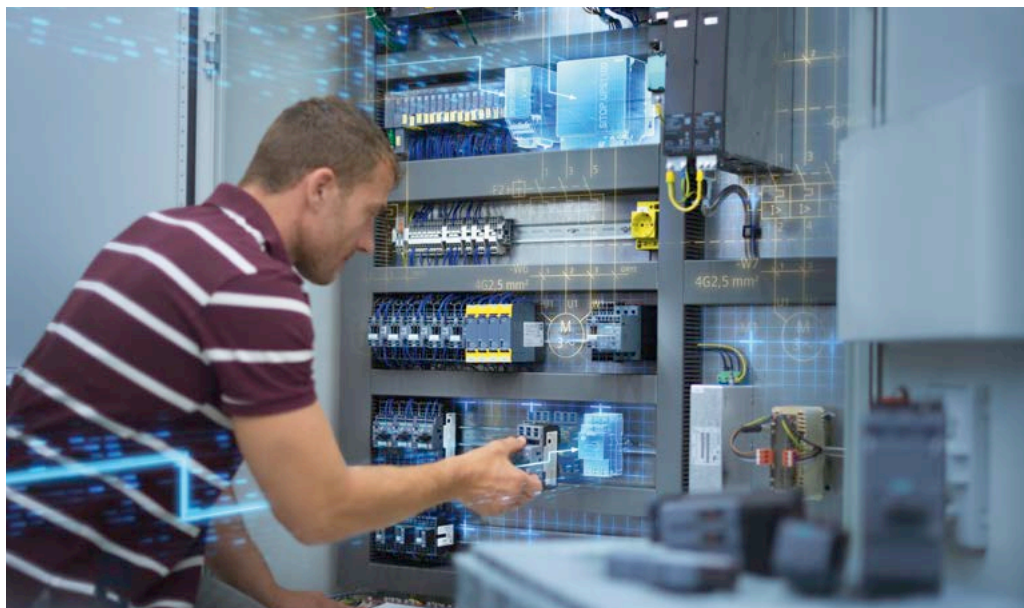


Standard-compliant



For any applications  
and market requirements

# The SIRIUS modular system enables you to quickly and efficiently **build the ideal control panel**

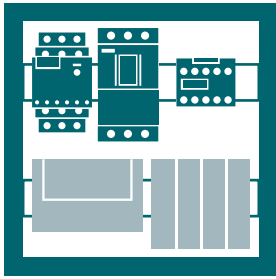


Digitalization is changing everything. There is growing pressure on industry to reduce time-to-market and implement more flexible and efficient production processes capable of delivering at least the same quality levels. As well as speeding up development operations, control panel builders also have to become more cost-effective to keep pace with competitors. What is more, stricter standards and guidelines are making such challenges even tougher.

This is why control panel components must not only constitute high-performance hardware, but also facilitate fast, economical and standard-compliant planning and construction of the end product. The efficient combination of the right industrial controls can support you with every application and market requirement through combined functionality as well as with proven system features and tools for efficient configuring.

In an increasingly digital world, Siemens supports control panel engineering with expert know-how, tools and data as well as a coordinated product and system portfolio. The result is Integrated Control Panels, a holistic support option for engineering and construction.

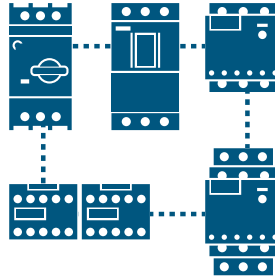
Find out more at [www.siemens.com/panelbuilding](http://www.siemens.com/panelbuilding)



## Pure functionality

The protection and switching devices that make up the SIRIUS modular system offer everything you need for switching, protecting, and starting motors and systems, naturally with IE3/IE4 readiness. They provide the best performance on the market in terms of their size, thereby saving valuable space in the control panel. Factory-assembled combinations result in time savings when configuring, ordering and installation. What is more, SIRIUS components comply with all normative requirements worldwide.

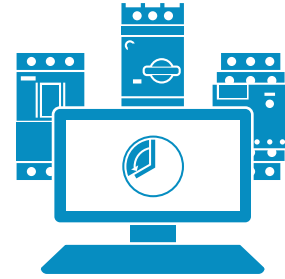
- Broad product range from a single source from the infeed to the motor
- Universally applicable, global certification, standard-compliant
- An extremely wide range of applications such as pumps, fans or compressors:
  - Covers all standard tasks
  - Suitable for extreme applications
- Maximum reliability:
  - Roughly 50,000 combination checks for the modular system
  - Tried-and-tested products thanks to over 100 years of experience with industrial controls



## Proven system characteristics

The strength of this system is its modular structure across all sizes, which covers all kinds of applications thanks to an extensive range of accessories. Plug-in function modules for AS-i and IO-Link reduce the wiring overhead, and the optional bundling reduces space requirements. Feedback from the load feeder ensures enhanced transparency; connection to an energy management system is also possible.

- Perfectly coordinated device portfolio for the control panel
- Space-saving
- Simple installation and operation
- Integration into automation systems, simple data exchange with automation systems
- Simple stockkeeping (thanks to standardized accessories)
- Reliable system monitoring
- High operational reliability












































## Tools and data for efficient planning

Thanks to digitalization, we can offer control panel manufacturers a host of benefits when it comes to planning and engineering: Comprehensive data including 3D models and macros for the leading CAE systems enable simple and error-free configuration and system documentation.

- Integrated Control Panels:
  - Expert knowledge, end-to-end product and system portfolio as well as tools and data for digitalization in engineering
- Low planning outlay
- Simple engineering:
  - 2D and 3D digital planning (CAX macros for CAE tools), standardized data for electronic product data exchange
  - TIA Selection Tool, the free configurator for quickly generating automation products at **[www.siemens.com/tiaselectiontool](http://www.siemens.com/tiaselectiontool)**
- Consulting and support with personal on-site contacts

# Products / Portfolio

The SIRIUS modular system offers everything you need for switching, protecting and starting as well as for monitoring motors and systems: a modular range of standard components up to 250 kW/400 V in only seven sizes.

			Sizes S00	S0	S2	S3	S6	S10	S12
Main circuit	Switching	1							
	Starting	2							
		3							
		4							
	Protecting	5							
		6 thermal							
		7 electronic							
	Monitoring	8							
Control circuit		9							

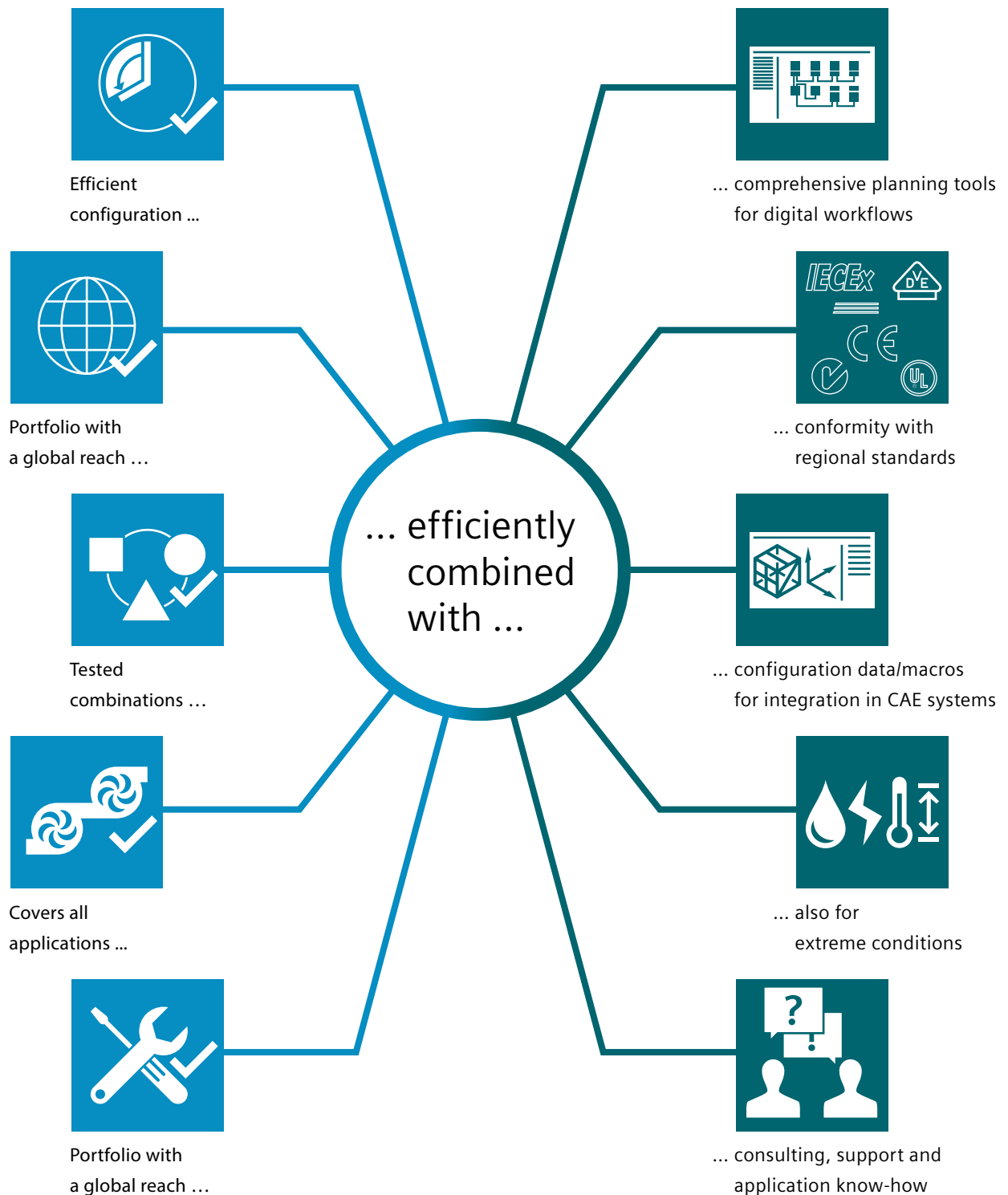
- 1) Contactors
- 2) Soft starters
- 3) Load feeders

- 4) Compact starters, motor starters
- 5) Circuit breakers, motor starter protectors
- 6) Thermal overload relay

- 7) Electronic overload relay
- 8) Current monitoring relay
- 9) Function and communication modules



# Efficiently combined for every application



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