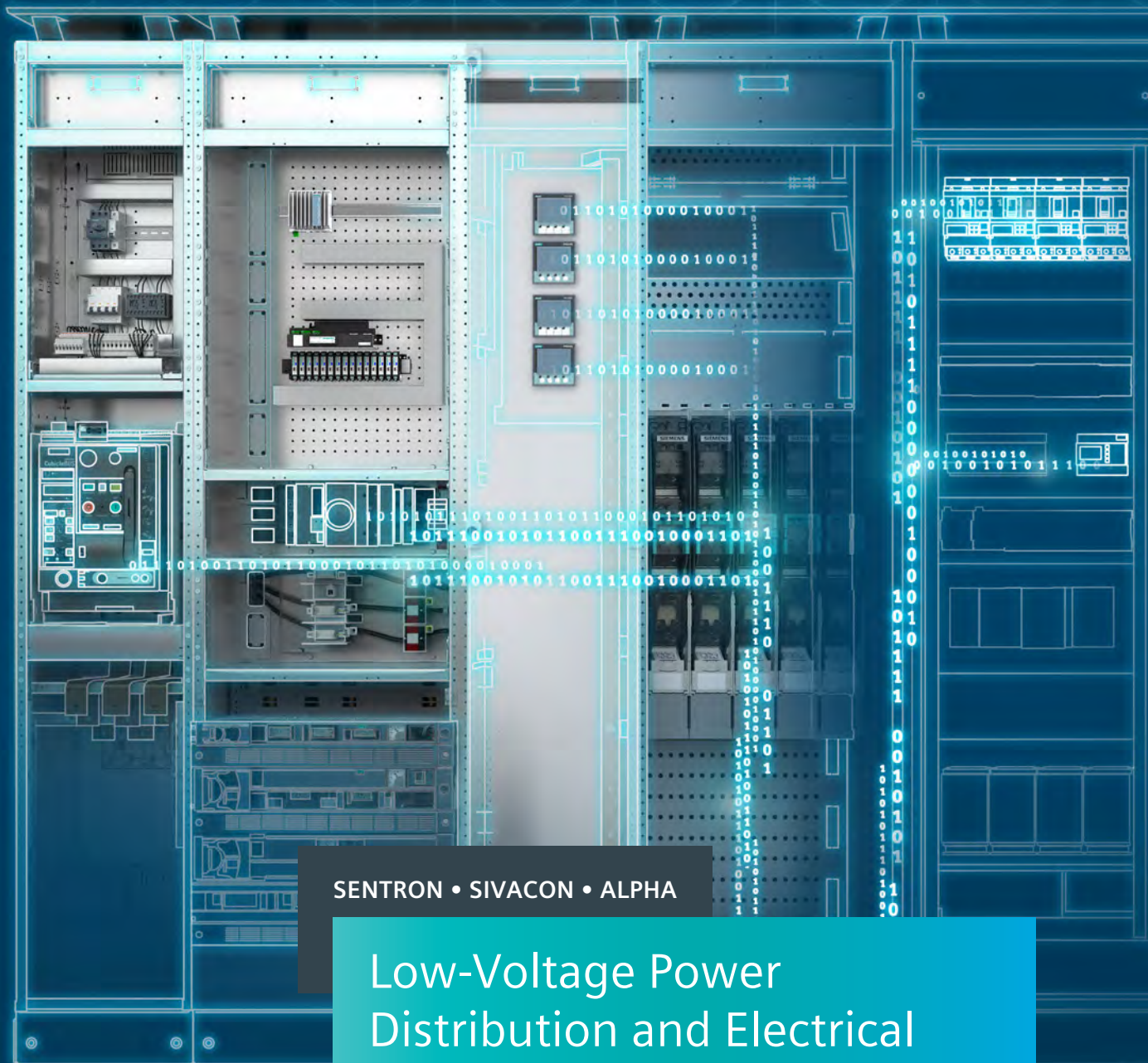


SIEMENS



SETRON • SIVACON • ALPHA

Low-Voltage Power Distribution and Electrical Installation Technology

Power Distribution Boards, Motor Control Centers
and Distribution Boards

Catalog
Extract
LV 10

Edition
04/2020

[siemens.com/lowvoltage](https://www.siemens.com/lowvoltage)

Making sure power makes its way

Consistent, safe and intelligent low-voltage power distribution and electrical installation technology

Whether industries, infrastructures or buildings: Each environment depends on a reliable power supply.

Which is why products and systems featuring maximum safety and optimum efficiency are in demand. This comprehensive portfolio for low-voltage power distribution and electrical installation technology covers every requirement – from the switchboard to the socket outlet.

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The products and systems listed in this catalog are developed and manufactured using a certified quality management system in accordance with DIN EN ISO 9001:2008.

Technical data

The technical specifications are for general information purposes only. Always heed the operating instructions and notices on individual products during assembly, operation and maintenance.

All illustrations are not binding.

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Low-Voltage Power Distribution and Electrical Installation Technology

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Reliable and efficient power supply in infrastructure and industrial applications

The electrical power distribution in buildings, infrastructure and industry is undergoing a transformation. A growing number of electrical loads, fluctuating load conditions and an increasing level of automation pose new challenges for switchboard manufacturers and electrical planners. Availability, safety and efficiency of the power distribution system are becoming more important. This is reflected in detailed standards and regulations and in requirements for company power management.

The planning and operation of electrical power distribution systems are becoming more complex, and the technical demands placed on the underlying systems and products are rising – in particular with respect to flexibility, communication capability and integrability. A data-based engineering process, hardware and software systems, an intelligent data management must all interact smoothly to provide optimum support to dynamic industrial and infrastructure processes.

The basis for a reliable and efficient power supply is provided by our portfolio of power distribution boards and distribution boards with innovative products and systems. A data-based engineering process with SIMARIS software tools, high availability of product-related data support the value chain of the switchboard manufacturer – from planning to documentation of the installation.



Power Distribution Boards, Motor Control Centers and Distribution Boards



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System overview

Small distribution boards ALPHA

SIMBOX XL



SIMBOX WP



ALPHA SIMBOX XL



Flush-mounting and hollow-wall distribution boards



Surface-mounting distribution boards



Multimedia distribution boards

Accessories



Terminal strips



RCCB terminals



Door locking kit



Mounting aid for flush mounting

ALPHA SIMBOX WP



Surface-mounting distribution boards

Accessories



Covers



N/PE terminal strips



Inner partitions



Safety cylinder locks

Note:

You will find a detailed range of accessories with the basic units.




ALPHA SIMBOX WP small distribution boards

Surface-mounting distribution boards, rated current up to 63 A

Unequipped surface-mounting distribution boards
Degree of protection IP65


Type	Height outside	Width outside	Depth outside	Safety class II
Surface-mounting distribution boards				
1-tier	210 mm	143 mm	100 mm	8GB1371-0
		215 mm	100 mm	8GB1371-1
	260 mm	298 mm	140 mm	8GB1371-2
		410 mm	140 mm	8GB1371-3
2-tier	420 mm	298 mm	140 mm	8GB1372-2
	463 mm	410 mm	140 mm	8GB1372-3
3-tier	655 mm	410 mm	140 mm	8GB1373-3
4-tier	878 mm	410 mm	160 mm	8GB1374-3

Accessories

Covers				
	<ul style="list-style-type: none">For connection of conduit and cable duct entriesSnap-on mounting			
	MW			Article No.
	12			8GB2051-0
	18			8GB2051-1
N/PE terminal strips				
	<ul style="list-style-type: none">For snapping onto device holder			
	MW	Potential 1	Potential 2	Article No.
	8	N = 1 × 25 + 7 × 10 mm ²	PE = 1 × 25 + 7 × 10 mm ²	8GB2052-0
	12	N = 3 × 25 + 10 × 10 mm ²	PE = 3 × 25 + 10 × 10 mm ²	8GB2052-1
	18	N = 5 × 25 + 14 × 10 mm ²	PE = 5 × 25 + 14 × 10 mm ²	8GB2052-2
Inner partitions, horizontal				
	MW			Article No.
	12			8GB2053-0
	18			8GB2053-1
Front covers				
	MW			Article No.
	12			8GB2054-0
	18			8GB2054-1
Safety cylinder locks				
	Material	Scope of supply		Article No.
	Metal	With key		8GB2055-0
Blanking strips				
	Version	Color		Article No.
	For 12 MW (1 MW = 18 mm)	RAL 7035 (light gray)		8GK9910-0KK00

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¹⁾ The text of the Terms and Conditions of Siemens AG can be downloaded at https://mall.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf

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Protection, Switching, Measuring and
Monitoring Devices, Switchboards and
Distribution Systems

PDF (E86060-K8280-A101-B1-7600)
Print (E86060-K8280-A101-A6-7600)



LV 14 **Power Monitoring Made Simple** SENTRON

PDF/Print (E86060-K1814-A101-A6-7600)



LV 18 **Air Circuit Breakers and Molded Case** **Circuit Breakers with UL Certification** SENTRON

PDF (E86060-K8280-E347-A4-7600)



ET D1 **Switches and Socket Outlets** DELTA

PDF



IC 10 **Industrial Controls** SIRIUS

PDF/Print (E86060-K1010-A101-B1-7600)



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