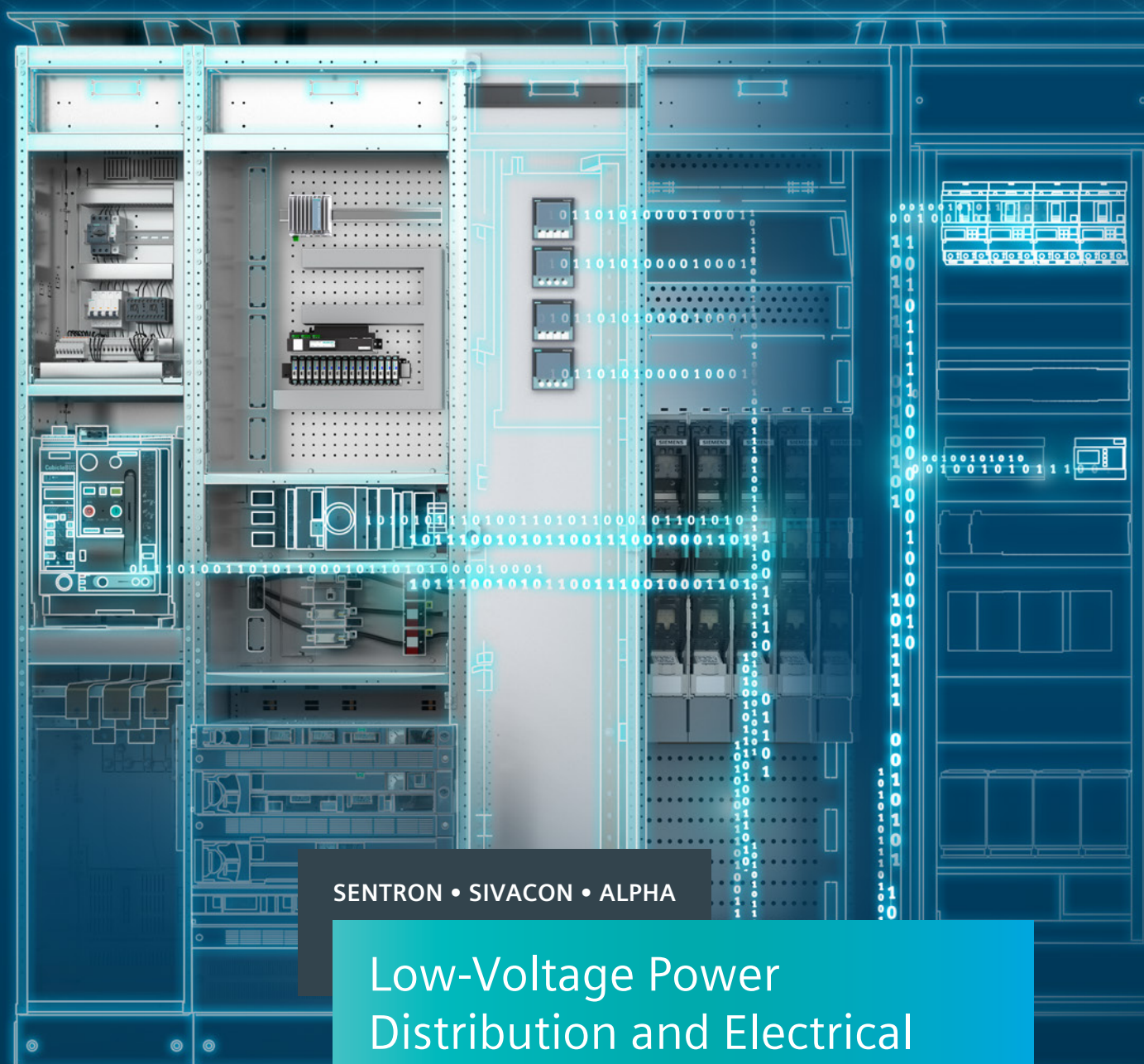


SIEMENS



SENTRON • 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.

We are there when you need us

Your personal contact can be found at
www.siemens.com/lowvoltage/contact

Catalog LV 10 · 04/2020

You will find the latest edition and all future editions in the Siemens Industry Online Support at
www.siemens.com/lowvoltage/catalogs

Refer to the Industry Mall for current prices
www.siemens.com/industrymall

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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A

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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A multitude of additional information ...

Information + ordering

All the important things at a glance

Information to get you started

You will find information about power distribution boards, motor control centers and distribution boards on our websites

www.siemens.com/sivacon-S8

www.siemens.com/distributionsystems

Contact persons in your region

We are there when you need us

You can find your local contacts at

www.siemens.com/lowvoltage/contact

Your product in detail

The Siemens Industry Online Support portal provides comprehensive information

www.siemens.com/lowvoltage/product-support

- Technical basic information – SIVACON S4 power distribution boards and ALPHA UNIVERSAL distribution boards ([109767882](https://www.siemens.com/lowvoltage/product-support/109767882))
- Technical basic information – ALPHA distribution systems ([109778911](https://www.siemens.com/lowvoltage/product-support/109778911))

The relevant tender specifications can be found at

www.siemens.com/lowvoltage/tenderspecifications

Use our conversion tool for quick and easy conversion to Siemens products www.siemens.com/conversion-tool

Siemens YouTube channel

Our video range

- Power Distribution – SIVACON (general) bit.ly/2m4oSLI
- Siemens SIVACON S4 power distribution boards up to 4000 A bit.ly/2krni6h

Everything you need for your order

Refer to the Industry Mall for an overview of your products

- SIVACON S4 power distribution boards sie.ag/2JUQwE4
- ALPHA distribution boards sie.ag/2kURLd8
- SIMARIS planning tools sie.ag/2m3oFbS

Direct forwarding to the individual products in the Industry Mall by clicking on the Article No. in the catalog or by entering this web address incl. Article No. www.siemens.com/product?Article No.

How you can get your SIVACON S8

Use the competence and experience of our experts at one of the production locations near to your www.siemens.com/lowvoltage/contact

Our certified SIVACON Technology Partners are also available to you for questions relating to the high quality of our low-voltage switchboards www.siemens.com/sivacon-partnerfinder

... can be found in our online services

Commissioning + operation

Planning tools

BIM-compliant SIMARIS planning tools

The SIMARIS planning tools effectively assist you in your planning process. Project-specific BIM (Building Information Modeling) data for cross-package planning is also possible.
www.siemens.com/simaris

Configuration software

SIMARIS configuration

SIMARIS configuration supports the engineering process of the SIVACON and ALPHA distribution systems from planning to documentation of the installation.
www.siemens.com/simarisconfig

Your product in detail

The Siemens Industry Online Support portal provides detailed technical information
www.siemens.com/lowvoltage/product-support

- Operating instructions
- Characteristic curves
- Certificates

Engineering data for CAD or CAE systems are available in the CAx Download Manager at
www.siemens.com/lowvoltage/cax

Manuals

Manuals are available for downloading in Siemens Industry Online Support at
www.siemens.com/lowvoltage/manuals

- Planning manual – SIVACON S8 – Technical planning information (**107113936**)
- Manual – SIVACON S4 (**25909512**)

The fast track to the experts

Competent expert advice on technical questions with a wide range of demand-optimized services for all our products and systems.

Assistance with technical queries is provided at
www.siemens.com/lowvoltage/support-request

We offer a comprehensive portfolio of services. You can find your local contacts at
www.siemens.com/lowvoltage/contact

You can find further information on services at
www.siemens.com/service-catalog

Training and tutorials

Our training courses can be found at
www.siemens.com/sitrain-lowvoltage

- SIMARIS configuration (WT-LVASIMC)

Technical overview – Power distribution boards, motor control centers and distribution boards



The fast way to get you to our online services

This page provides you with comprehensive information and links on power distribution boards, motor control centers and distribution boards

www.siemens.com/lowvoltage/product-support (**109769089**)

SIVACON and ALPHA distribution systems

Power distribution boards



SIVACON S4

Basic data

Rated current	A	4000
Overvoltage category		III / IV
Rated impulse withstand voltage U_{imp}	kV	12
Rated insulation voltage U_i	V	1000
Rated operational voltage U_e	V AC	690
Rated short-circuit current I_{pk}	kA	220
Rated short-time current I_{cw} (1 s)	kA	100
Degree of protection according to IEC 60529/EN 60529		IP40 + IPX1 / IP55
Safety class		I
Color		RAL 7035 (light gray)

Dimensions

Height	mm	2000 Base 100 / 200
Width	mm	350 ... 1200
Depth	mm	400 / 600 / 800

Standards and specifications

DIN		DIN EN 61439-1/-2
IEC		IEC 61439-1/2
VDE		VDE 0660-600-1/-2
Operating personnel	Ordinary person	—
	Electrically skilled person	■
Approvals		VDE, EAC

Equipment

Busbar position		Top, bottom, rear
Form of internal separation		4b
Tested for resistance to internal arcing acc. to EN 61439-2 Supplement 1		—
Active protection against internal arcs		—
Section for reactive power compensation		—

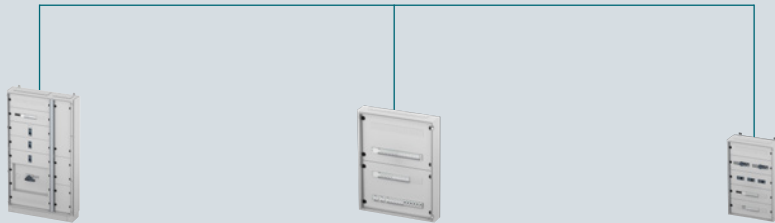
Other

Type of installation		Wall / back to back
Type of delivery	Flat pack / individual parts	■
	Pre-assembled without copper	■
	Pre-assembled with copper	■

More information

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ALPHA UNIVERSAL distribution boards (NF technology)



ALPHA 800 UNIVERSAL	ALPHA 630 UNIVERSAL	ALPHA 125 UNIVERSAL
800	630	125
III	III	III
6	6	6
690	690	400
690	690	400
74	53	10
35	25	17
IP30/IP43/IP55	IP30/IP43/IP55	IP30/IP31D/IP43
I	I	I
RAL 7035 (light gray)	RAL 7035 (light gray)	RAL 7035 (light gray)
1800/2000	400/600/800/1000/1200/ 1600/1800/2000	400/600/800/1000/1200
300/600/900	600 + 250/900	600
400	250	140
DIN EN 61439-1/-2	DIN EN 61439-1/-2	DIN EN 61439-1/-3
IEC 61439-1/2	IEC 61439-1/2	IEC 61439-1/3
VDE 0660-600-1/-2	VDE 0660-600-1/-2	VDE 0660-600-1/-3
—	—	—
■	■	■
VDE	VDE	VDE
—	—	—
1	1	1
—	—	—
—	—	—
—	—	—
—	—	—
—	■	—
—	—	—
—	—	—
See page 15/116	See page 15/116	See page 15/116

SIVACON and ALPHA distribution systems

Power distribution
boards and motor
control centers



SIVACON S8

Power distribution
boards



ALPHA 3200



ALPHA 3200 Eco
new

Basic data

Rated current	A	7010	3200	3200
Overvoltage category		IV	III/IV	III/IV
Rated impulse withstand voltage U_{imp}	kV	8	8	8
Rated insulation voltage U_i	V	1000	1000	1000
Rated operational voltage U_e	V AC	690	690	400
Rated short-circuit current I_{pk}	kA	330	165	165
Rated short-time current I_{cw} (1 s)	kA	150	75	75
Degree of protection according to IEC 60529/EN 60529		IP30 ... IP54	IP40 + IPX1/IP54	IP31/IP54
Safety class		I	I	I
Color		RAL 7035 (light gray)	RAL 7035 (light gray)	RAL 7035 (light gray)

Dimensions

Height	mm	2000/2200 Base 100/200	2000 Base 100/200	2000 Base 100/200
Width	mm	200 ... 1400	350 ... 1400	600 ... 1100
Depth	mm	500 ... 1200	600	400

Standards and specifications

DIN		DIN EN 61439-2	DIN EN 61439-1/-2	DIN EN 61439-1/-2
IEC		IEC 61439-2	IEC 61439-1/2	IEC 61439-1/2
VDE		VDE 0660-600-2	VDE 0660-600-2	VDE 0660-600-2

Operating personnel	Ordinary person	—	—	—
	Electrically skilled person	■	■	■
Approvals		DNV GL, ABS, LR, ASTA, EAC, CCC, DEKRA	—	—

Equipment

Busbar position		Top, rear	Rear	Center
Form of internal separation		4b	2b	1
Tested for resistance to internal arcing acc. to EN 61439-2 Supplement 1		■	1 personal protection	—
Active protection against internal arcs		■	—	—
Section for reactive power compensation		■	■	—

Other

Type of installation		Wall / back to back / double-fronted	Wall / back to back	Wall / back to back
Type of delivery	Flat pack / individual parts	■	—	—
	Pre-assembled without copper	■	■	■
	Pre-assembled with copper	■	■	■

More information

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ALPHA distribution boards (DIN technology)

Small distribution boards



ALPHA 1250	ALPHA 630	ALPHA 400	ALPHA 160	ALPHA SIMBOX XL	ALPHA SIMBOX WP
1250	630	400	160	63	63
III	III	III	II	II	II
8	6	6	6	—	—
690	690	690	690	—	1000
690	690	690	690	400	400
110	76	76	—	—	—
35	34	34	—	—	—
IP55	IP43/IP55	IP31/IP43/IP55	IP31/IP43/IP44	IP30	IP65
I	I/II	I/II	II	II	II
RAL 7035 (light gray)	RAL 7035 (light gray)	RAL 9016 (traffic white) / RAL 7035 (light gray)	RAL 9016 (traffic white) / RAL 7035 (light gray)	RAL 9010 (pure white)	RAL 7035 (light gray)
1950 Base 100	1950 Base 100	650/800/950/1100/ 1250/1400	500/650/800/950/1100	1- ... 4-tier	1- ... 4-tier
300/550/800/ 1050/1300	300/550/800/ 1050/1300	300/550/800/ 1050/1300	300/550	305	4 ... 18 MW
400	210/250/320	210	140	88/99	100/140/160
DIN EN 61439-1/-2	DIN EN 61439-1/-2	DIN EN 61439-1/-2/-3	DIN EN 61439-1/-3	DIN 43871	DIN EN 61439-1/-3, DIN 43871
IEC 61439-1/-2	IEC 61439-1/-2	IEC 61439-1/-2/-3	IEC 61439-1/-3	IEC 61439-1/-3	IEC 61439-1/-3
VDE 0660-600-1/-2	VDE 0660-600-1/-2	VDE 0660-600-1/-2/-3	VDE 0660-600-1/-3	DIN VDE 0603	DIN VDE 0603-1, VDE 0660-500/-504
—	—	■	■	■	■
■	■	■	■	■	■
VDE	VDE	VDE	VDE	VDE	VDE
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
Surface mounting	Surface mounting	Surface mounting / flush mounting	Surface mounting / flush mounting	Surface mounting / hollow wall / flush mounting	Surface mounting
■	■	■	■	■	■
■	■	■	■	—	—
—	—	—	—	—	—
see page 15/146	see page 15/150	see page 15/154	see page 15/157	see page 15/188	see page 15/191

SIVACON and ALPHA distribution systems

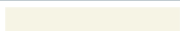
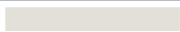
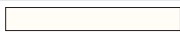
Additional options

To specify the options, add „-Z“ to the complete Article No. and indicate the appropriate order code(s).

8GK.....-.....-.... -Z

Order code

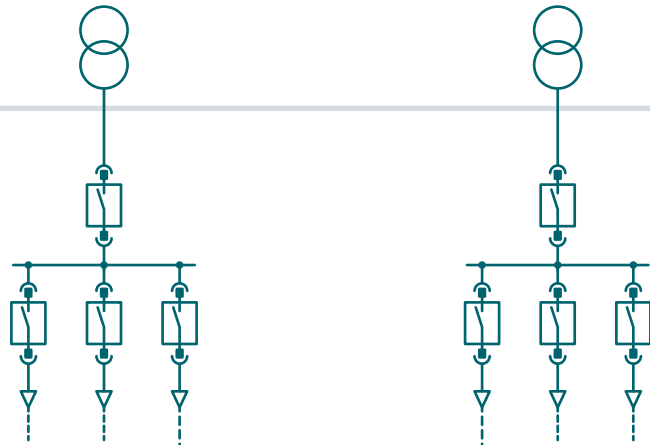
Special colors for ALPHA

	RAL 1003, signal yellow	Semi-gloss	Smooth	C	2	7
	RAL 2000, yellow orange	Semi-gloss	Smooth	C	2	5
	RAL 3000, flame red	Silky gloss	Surface structure	C	3	1
	RAL 5005, signal blue	Semi-gloss	Smooth	C	2	3
	RAL 5010, gentian blue	Semi-gloss	Smooth	C	2	4
	RAL 5017, traffic blue	Silky gloss	Surface structure	C	2	2
	RAL 6018, yellow green	Semi-gloss	Smooth	C	2	6
	RAL 7032, pebble gray	Semi-gloss	Surface structure	C	1	3
	RAL 7033, cement gray	Semi-gloss	Surface structure	C	2	8
	RAL 7035, light gray	Semi-gloss	Smooth	C	1	1
			Surface structure	C	1	2
	RAL 7038, agate gray	Semi-gloss	Surface structure	C	1	4
	RAL 9001, cream	Semi-gloss	Smooth	C	2	1
	RAL 9002, gray white	Semi-gloss	Smooth	C	1	8
			Surface structure	C	1	9
		Silky gloss	Smooth	C	2	9
	RAL 9003, signal white	Semi-gloss	Surface structure	C	2	0
	RAL 9005, jet black	Semi-gloss	Smooth	C	1	6
			Surface structure	C	1	7
	RAL 9010, pure white	Semi-gloss	Smooth	C	1	5
			Surface structure	C	3	0
	RAL 9016, traffic white	Semi-gloss	Smooth	C	1	0

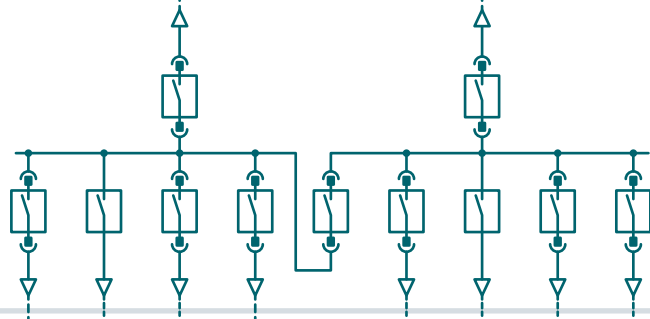
SIVACON and ALPHA distribution systems

Applications

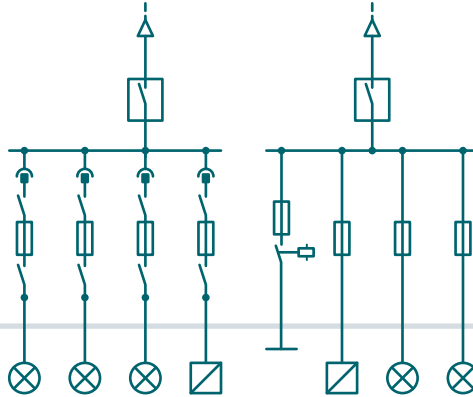
Power Center



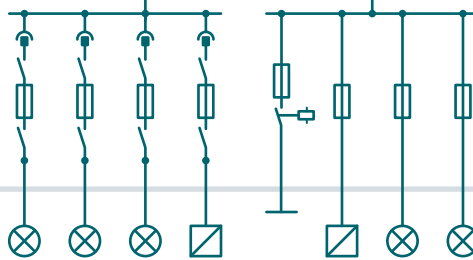
Main distribution boards



Subdistribution boards



Loads



SIVACON S8



SIVACON S8



SIVACON S4



ALPHA 3200



ALPHA 3200 Eco



ALPHA UNIVERSAL (NF technology)



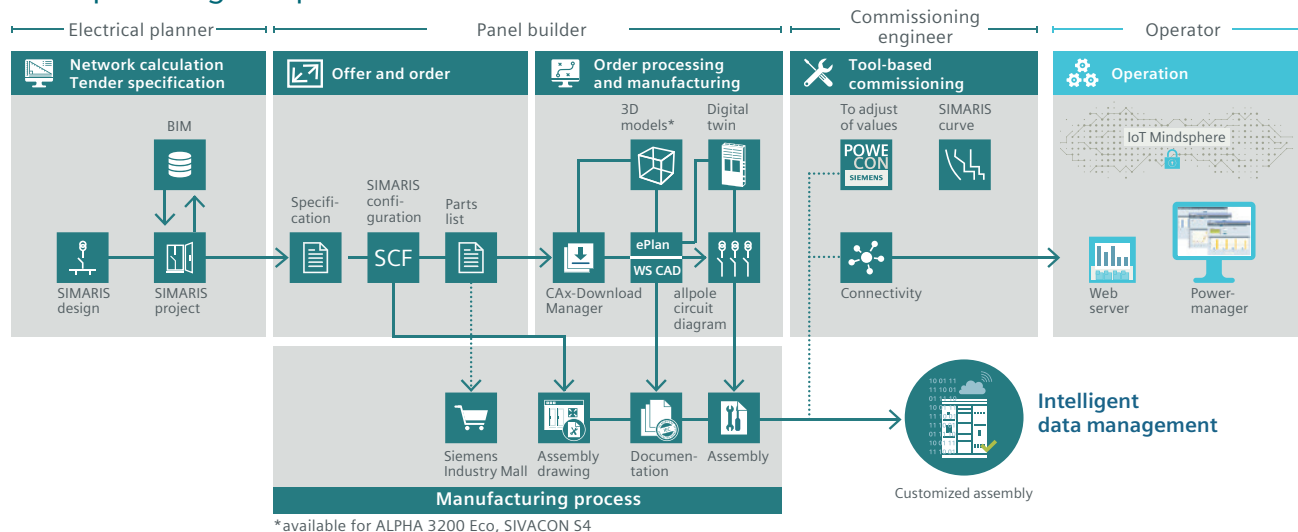
ALPHA (DIN technology)



SIMARIS® planning tools

For planning and visualizing the power distribution system

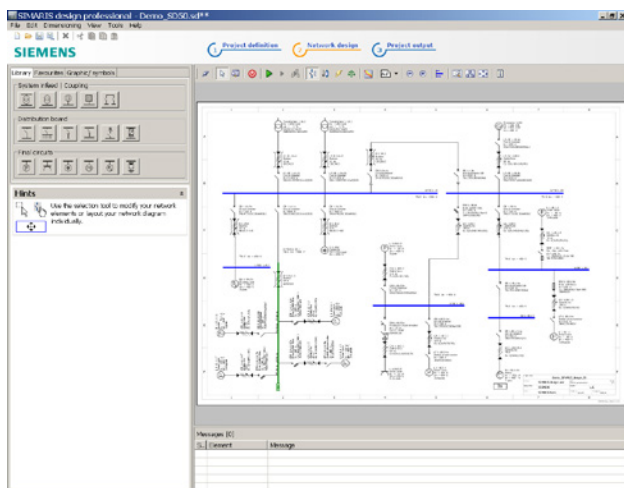
From planning to operation



Integrated planning tools SIMARIS and CAX data for safe, error-free, fast planning

The fast way to a safe, transparent assembly

SIMARIS® design

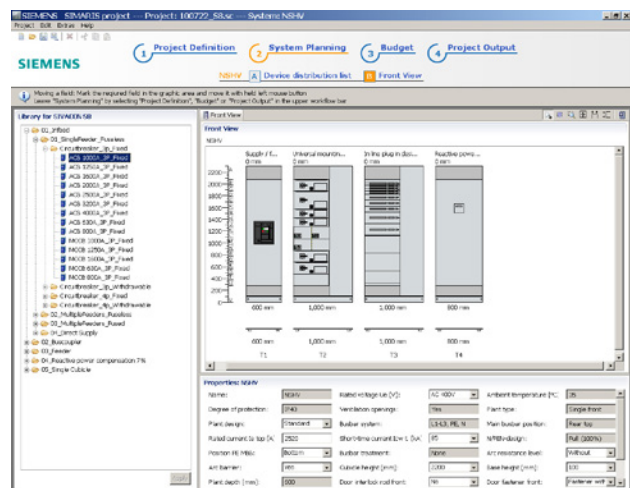


SIMARIS® design is a planning tool for quick, effective network calculations and dimensioning of electrical power distribution systems for non-residential and industrial buildings.

- Dimensioning of electrical networks on the basis of real products according to acknowledged rules of technology and the applicable standards (VDE, IEC)
- Automatic selection of the appropriate components from the integrated product database

Free download of the basic version and further information at:
www.siemens.com/simarisdgign

SIMARIS® project

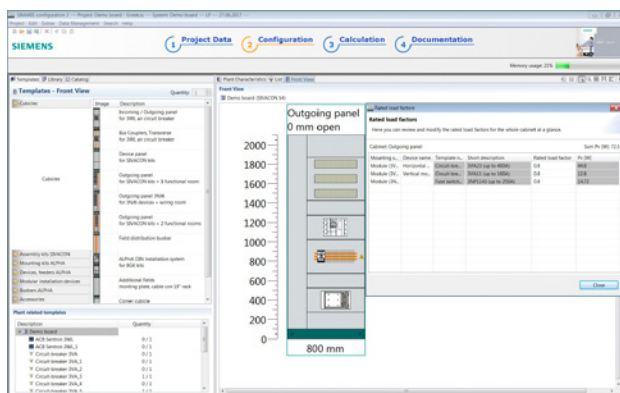


SIMARIS® project is a planning tool for fast calculation of space requirements and electrical power distribution system budgets for non-residential and industrial buildings, and for generating specifications automatically.

- Import of projects created in SIMARIS® design
- Export of 3D data in IFC 4.x format for BIM (Building Information Modeling)

Free download and further information at:
www.siemens.com/simarispjroject

SIMARIS® configuration

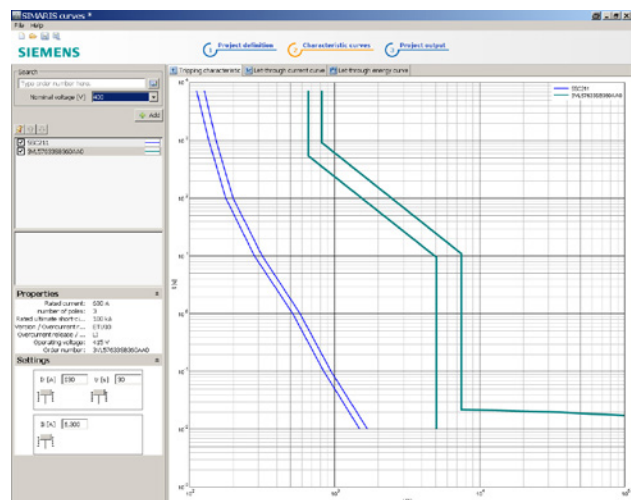


With the configuration software SIMARIS® configuration, the SIVACON S8, ALPHA 3200, SIVACON S4 and ALPHA UNIVERSAL power distribution boards as well as the ALPHA distribution boards can be quickly and reliably configured.

- Comprehensive documentation of the installation with design verification acc. to IEC 61439
- Configuration of the devices from the SENTRON portfolio with the exact article numbers and integrated price calculation feature

Free download and further information at:
www.siemens.com/simarisconfig

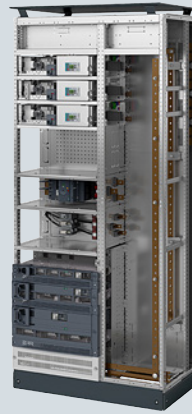
SIMARIS® curves



SIMARIS® curves is a planning tool for visualizing and evaluating characteristic curves of Siemens low-voltage protection equipment and fuses (IEC) quickly and easily, including the possibility of simulating instrument settings.

- Is available both as a PC version and also as an app for use on a tablet PC or a smartphone

Free download and further information at:
www.siemens.com/simariscures



In-line design, fixed-mounted 3NJ4	Reactive power compensation Capacitor units, controllers	Active protection against internal arcs Internal arc protection system	Universal mounting design / motor control center 3VA, 3RV, 3NP, 3K..., 3R..., 3UF, 3NJ6 and 3LD	Frequency converter technology SINAMICS G120 (6SL)
Fixed-mounted	Fixed-mounted	Fixed-mounted	Withdrawable Fixed-mounted with modular doors Plug-in	Fixed-mounted (modules)
Outgoing cable feeders	Central compensation of reactive power	Active protection against internal arcs	Outgoing cable feeders Motor feeders (MCC)	Motor feeders (MCC)
630 A	Without inductor up to 600 kvar With inductor up to 500 kvar	Short-circuit-proof up to 100 kA at 690 V	630 A, 250 kW	132 kW
Front	Front	—	Front or rear	Front

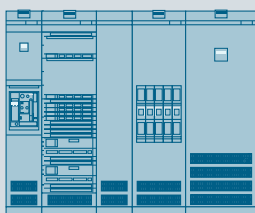


In-line design, fixed-mounted 3NJ4	ALPHA DIN modular installation system ALPHA 8GK	Section for free configuration Mounting panel structures
Fixed-mounted	Fixed-mounted	Fixed-mounted
Outgoing cable feeders	Branch circuits	Control equipment
2900 A	—	—
Front	Front	Front

SIVACON S8 / SIVACON S4 / ALPHA 3200 / ALPHA 3200 Eco system overview

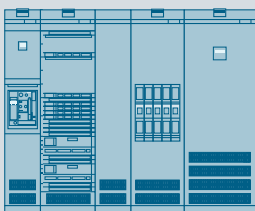
Section design and installable devices

ALPHA 3200



	Circuit breaker design	Fixed-mounted design	In-line design, plugged in
Devices	3WL and 3VA	3VA, 3RV, 3NP, 3K..	3NJ6
Installation system	Fixed-mounted Withdrawable	Fixed-mounted with front covers	Plug-in
Functions	Infeed, Outgoing feeder, Coupling	Outgoing cable feeders	Outgoing cable feeders
Rated values	Up to 3200 A	Up to 630 A	Up to 630 A
Connection type	Front or rear	Front	Front

ALPHA 3200 Eco **new**



	Circuit breaker design	In-line design, fixed-mounted	ALPHA DIN modular installation system
Devices	3WL10	3NJ4	ALPHA 8GK
Installation system	Fixed-mounted Withdrawable	Fixed-mounted	Fixed-mounted
Functions	Infeed, Outgoing feeder,	Outgoing cable feeders	Branch circuits
Rated values	1250 A	1250 A	1250 A
Connection type	Front	Front	Front



In-line design, fixed-mounted	Reactive power compensation
3NJ4	Capacitor units, controllers
Fixed-mounted	Fixed-mounted
Outgoing cable feeders	Central compensation of reactive power
Up to 630 A	Without inductor up to 600 kvar With inductor up to 500 kvar
Front	Front



Section for free configuration
Mounting panel structures
Fixed-mounted
Control equipment
1250 A
Front

System overview

SIVACON S4 power distribution boards

Frame and enclosure



Accessories for frame and enclosure



Hinges for covers

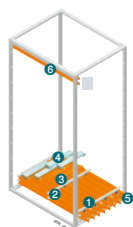


Locks

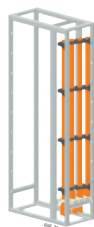


Mech. mounting parts

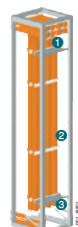
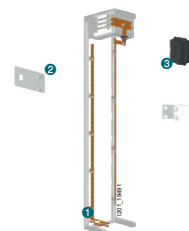
Busbar systems



Main busbars



Vertical distribution busbars, cascaded

Vertical distribution busbars,
non-cascaded

N/PE bar

Note:

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

Section expansion



3WL
incoming feeder panels



3VA
outgoing feeder panels
3NP1
modular installation
devices



3NJ4
outgoing feeder panels



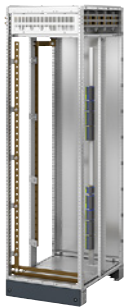
3NJ6
outgoing feeder panels



3WL
coupling panels



Mounting plates



Cable section



Corner sections

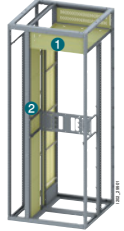


ALPHA 8GK DIN section

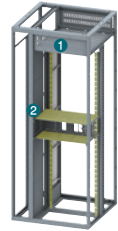
Internal separation



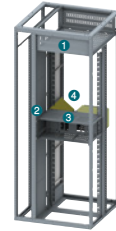
Form 1
Without separation



Form 2
Separation
+ busbar systems



Form 3
Separation
+ busbar systems
+ device compartments



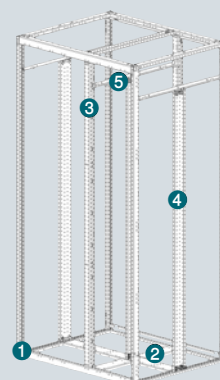
Form 4
Separation
+ busbar systems
+ device compartments
+ connections

Note:

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

Frame

Main busbar at top



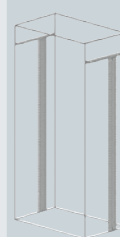
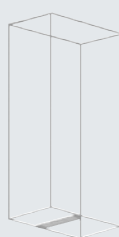
- ❶ Frame
- ❷ Bottom plate partition crossbar
- ❸ Exterior intermediate upright
- ❹ Interior side upright
- ❺ Section division

Main busbar at top

Main busbar at bottom

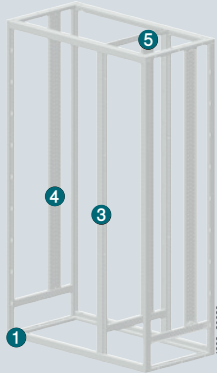
Main busbar at rear

Frame without main busbar



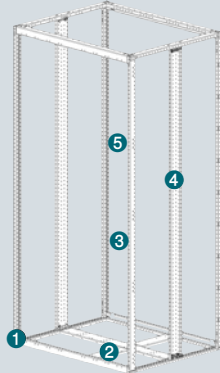
Width	Depth	❶ Frame	❷ Bottom plate partition crossbar	❸ Exterior intermediate upright	❹ Interior side upright	❺ Section division
400 mm	400 mm	8PQ1204-4BA01	8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA65	8PQ3000-1BA31
	600 mm	8PQ1204-6BA01	8PQ3000-1BA40	8PQ3000-1BA43	8PQ3000-0BA01	8PQ3000-1BA32
	800 mm	8PQ1204-8BA01	2x 8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA02	8PQ3000-1BA34
600 mm	400 mm	8PQ1206-4BA01	8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA65	8PQ3000-1BA31
	600 mm	8PQ1206-6BA01	8PQ3000-1BA40	8PQ3000-1BA43	8PQ3000-0BA01	8PQ3000-1BA32
	800 mm	8PQ1206-8BA01	2x 8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA02	8PQ3000-1BA34
800 mm	400 mm	8PQ1208-4BA01	8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA65	8PQ3000-1BA31
	600 mm	8PQ1208-6BA01	8PQ3000-1BA40	8PQ3000-1BA43	8PQ3000-0BA01	8PQ3000-1BA32
	800 mm	8PQ1208-8BA01	2x 8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA02	8PQ3000-1BA34
1000 mm	400 mm	8PQ1201-4BA02	8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA65	8PQ3000-1BA31
	600 mm	8PQ1201-6BA02	8PQ3000-1BA40	8PQ3000-1BA43	8PQ3000-0BA01	8PQ3000-1BA32
	800 mm	8PQ1201-8BA03	2x 8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA02	8PQ3000-1BA34
1200 mm	400 mm	8PQ1202-4BA02	8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA65	8PQ3000-1BA31
	600 mm	8PQ1202-6BA02	8PQ3000-1BA40	8PQ3000-1BA43	8PQ3000-0BA01	8PQ3000-1BA32
	800 mm	8PQ1202-8BA02	2x 8PQ3000-1BA38	8PQ3000-1BA43	8PQ3000-0BA02	8PQ3000-1BA34

Main busbar at bottom



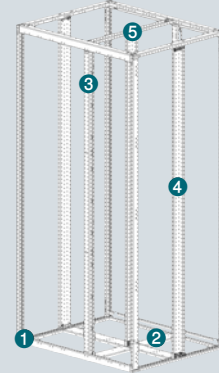
- 1 Frame
-
- 3 Exterior intermediate upright
- 4 Interior side upright
- 5 Section division

Main busbar at rear

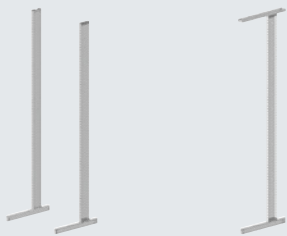


- 1 Frame
- 2 Bottom plate partition crossbar
- 3 Exterior intermediate upright
- 4 Interior side upright
- 5 Section division

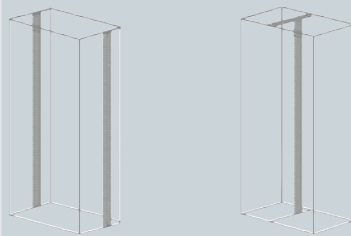
Frame without main busbar



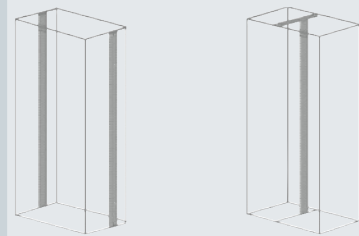
- 1 Frame
- 2 Bottom plate partition crossbar
- 3 Exterior intermediate upright
- 4 Interior side upright
- 5 Section division



4 Interior side upright 5 Section division



4 Interior side upright 5 Section division



4 Interior side upright 5 Section division

8PQ3000-0BA10	8PQ3000-0BA10	–	–	–	–
8PQ3000-3BA10	8PQ3000-3BA47	–	–	8PQ3000-0BA03	8PQ3000-1BA36
8PQ3000-3BA11	8PQ3000-3BA48	8PQ3000-0BA03	8PQ3000-1BA37	8PQ3000-0BA03	8PQ3000-1BA37
8PQ3000-0BA10	8PQ3000-0BA10	–	–	–	–
8PQ3000-3BA10	8PQ3000-3BA47	–	–	8PQ3000-0BA03	8PQ3000-1BA36
8PQ3000-3BA11	8PQ3000-3BA48	8PQ3000-0BA03	8PQ3000-1BA37	8PQ3000-0BA03	8PQ3000-1BA37
8PQ3000-0BA10	8PQ3000-0BA10	–	–	–	–
8PQ3000-3BA10	8PQ3000-3BA47	–	–	8PQ3000-0BA03	8PQ3000-1BA36
8PQ3000-3BA11	8PQ3000-3BA48	8PQ3000-0BA03	8PQ3000-1BA37	8PQ3000-0BA03	8PQ3000-1BA37
8PQ3000-0BA10	8PQ3000-0BA10	–	–	–	–
8PQ3000-3BA10	8PQ3000-3BA47	–	–	8PQ3000-0BA03	8PQ3000-1BA36
8PQ3000-3BA11	8PQ3000-3BA48	8PQ3000-0BA03	8PQ3000-1BA37	8PQ3000-0BA03	8PQ3000-1BA37
8PQ3000-0BA10	8PQ3000-0BA10	–	–	–	–
8PQ3000-3BA10	8PQ3000-3BA47	–	–	8PQ3000-0BA03	8PQ3000-1BA36
8PQ3000-3BA11	8PQ3000-3BA48	8PQ3000-0BA03	8PQ3000-1BA37	8PQ3000-0BA03	8PQ3000-1BA37

Frame

Accessories

Frame reinforcement



Use	Scope of supply	Article No.
For frame widths from 1000 mm	2 units	8PQ9400-0BA35

Crossbars



Version	Width	Crossbar length	Scope of supply	Article No.
–	400 mm	350 mm	2 units	8PQ3000-0BA12
	600 mm	550 mm	2 units	8PQ3000-0BA71
	800 mm	750 mm	2 units	8PQ3000-0BA72
	1000 mm	950 mm	2 units	8PQ3000-0BA84
	1200 mm	1150 mm	2 units	8PQ3000-0BA85



Version	Depth	Crossbar length	Scope of supply	Article No.
Without uprights	400 mm	300 mm	2 units	8PQ3000-0BA10
	600 mm	500 mm	2 units	8PQ3000-1BA24
	800 mm	700 mm	2 units	8PQ3000-1BA25
With uprights	600 mm	300 mm	2 units	8PQ3000-0BA10
	800 mm	300 mm	2 units	8PQ3000-0BA10

Universal brackets



Version	Scope of supply	Article No.
For mounting expansion elements	1 unit	8MF1000-2CP

Forming rows of frames



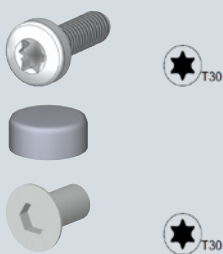
Version	Scope of supply	Article No.
Mechanical connection, incl. standard parts	6 units	8PQ1204-4BA05

Board coupling gasket kits



Version	Scope of supply	Article No.
To maintain degree of protection IP55	5.5 m	8PQ1204-4BA04

Self-tapping screws



Version	Version	Scope of supply	Article No.
Cylinder-head screws	M6 × 10 mm	100 units	8PQ9500-0BA34
	M6 × 16 mm	100 units	8PQ9500-0BA32
	M6 × 20 mm	100 units	8PQ9500-0BA31
Covering caps	M6, RAL 7035	100 units	8PQ9400-0BA14
Countersunk screws	M6 × 12 mm	100 units	8PQ9500-1BA07

Enclosure

Paneling sections

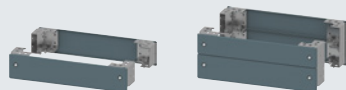


Main busbar at top

Main busbar
at bottom

1 Bases

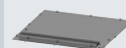
Corners with front cover



Side covers



2 Bottom plates



Width	Depth	Height 100 mm	200 mm	Height 100 mm	IP40 cable entry	IP55	IP20
200 mm	400 mm	–	–	–	–	8PQ2302-4BA04	–
	600 mm	–	–	–	–	8PQ2302-6BA04	–
	800 mm	–	–	–	–	2x 8PQ2302-4BA04	–
400 mm	400 mm	8PQ1014-0BA01	8PQ1024-0BA01	8PQ1010-4BA01	8PQ2304-4BA06	8PQ2304-4BA05	8PQ2304-4BA14
	600 mm	8PQ1014-0BA01	8PQ1024-0BA01	8PQ1010-6BA01	8PQ2306-4BA06	8PQ2306-4BA05	8PQ2304-6BA11
	800 mm	8PQ1014-0BA01	8PQ1024-0BA01	8PQ1010-8BA01	2x 8PQ2304-4BA06	2x 8PQ2304-4BA05	8PQ2304-8BA05
600 mm	400 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-4BA01	8PQ2306-4BA06	8PQ2306-4BA05	8PQ2306-4BA10
	600 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-6BA01	8PQ2306-6BA06	8PQ2306-6BA05	8PQ2306-6BA16
	800 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-8BA01	2x 8PQ2306-4BA06	2x 8PQ2306-4BA05	8PQ2306-8BA05
800 mm	400 mm	8PQ1018-0BA01	8PQ1028-0BA01	8PQ1010-4BA01	8PQ2308-4BA06	8PQ2308-4BA05	8PQ2308-4BA13
	600 mm	8PQ1018-0BA01	8PQ1028-0BA01	8PQ1010-6BA01	8PQ2308-6BA06	8PQ2308-6BA05	8PQ2308-6BA13
	800 mm	8PQ1018-0BA01	8PQ1028-0BA01	8PQ1010-8BA01	2x 8PQ2308-4BA06	2x 8PQ2308-4BA05	8PQ2308-8BA10
1000 mm	400 mm	8PQ1011-0BA01	8PQ1021-0BA01	8PQ1010-4BA01	–	8PQ2301-4BA04	8PQ2301-4BA06
	600 mm	8PQ1011-0BA01	8PQ1021-0BA01	8PQ1010-6BA01	–	–	8PQ2301-6BA05
	800 mm	8PQ1011-0BA01	8PQ1021-0BA01	8PQ1010-8BA01	–	2x 8PQ2301-4BA04	8PQ2301-8BA04
1200 mm	400 mm	8PQ1012-0BA01	8PQ1022-0BA01	8PQ1010-4BA01	–	–	8PQ2302-4BA05
	600 mm	8PQ1012-0BA01	8PQ1022-0BA01	8PQ1010-6BA01	–	–	8PQ2302-6BA05
	800 mm	8PQ1012-0BA01	8PQ1022-0BA01	8PQ1010-8BA01	–	–	8PQ2302-8BA04

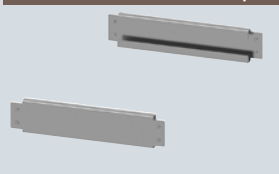
③ Rear panels		④ Side panels (1 set = 2 units)		⑤ Top plates			
							
IP40	IP55	IP55	IP55 with design strip	IP40	IP40 cable entry	IPX1 upgrade	IP55
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
8PQ2420-4BA02	8PQ2420-4BA01	8PQ2520-4BA02	8PQ2520-4BA01	8PQ2304-4BA02	8PQ2304-4BA03	8PQ2304-4BA04	8PQ2304-4BA01
8PQ2420-4BA02	8PQ2420-4BA01	8PQ2520-6BA02	8PQ2520-6BA01	8PQ2304-6BA02	8PQ2304-6BA03	8PQ2304-6BA04	8PQ2304-6BA01
8PQ2420-4BA02	8PQ2420-4BA01	8PQ2520-8BA02	8PQ2520-8BA01	8PQ2304-8BA02	8PQ2304-8BA03	8PQ2304-8BA04	8PQ2304-8BA01
8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-4BA02	8PQ2520-4BA01	8PQ2306-4BA02	8PQ2306-4BA03	8PQ2306-4BA04	8PQ2306-4BA01
8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-6BA02	8PQ2520-6BA01	8PQ2306-6BA02	8PQ2306-6BA03	8PQ2306-6BA04	8PQ2306-6BA01
8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-8BA02	8PQ2520-8BA01	8PQ2306-8BA02	8PQ2306-8BA03	8PQ2306-8BA04	8PQ2306-8BA01
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8PQ2420-8BA02	8PQ2420-8BA01	8PQ2520-8BA02	8PQ2520-8BA01	8PQ2308-8BA02	8PQ2308-8BA03	8PQ2308-8BA04	8PQ2308-8BA01
8PQ2420-1BA02	8PQ2420-1BA01	8PQ2520-4BA02	8PQ2520-4BA01	8PQ2301-4BA02	–	8PQ2301-4BA03	8PQ2301-4BA01
8PQ2420-1BA02	8PQ2420-1BA01	8PQ2520-6BA02	8PQ2520-6BA01	8PQ2301-6BA02	–	8PQ2301-6BA03	8PQ2301-6BA01
8PQ2420-1BA02	8PQ2420-1BA01	8PQ2520-8BA02	8PQ2520-8BA01	8PQ2301-8BA02	–	8PQ2301-8BA03	8PQ2301-8BA01
8PQ2420-2BA02	8PQ2420-2BA01	8PQ2520-4BA02	8PQ2520-4BA01	8PQ2302-4BA02	–	8PQ2302-4BA03	8PQ2302-4BA01
8PQ2420-2BA02	8PQ2420-2BA01	8PQ2520-6BA02	8PQ2520-6BA01	8PQ2302-6BA02	–	8PQ2302-6BA03	8PQ2302-6BA01
8PQ2420-2BA02	8PQ2420-2BA01	8PQ2520-8BA02	8PQ2520-8BA01	8PQ2302-8BA02	–	8PQ2302-8BA03	8PQ2302-8BA01

Enclosure

Paneling sections

Accessories

Reinforcements for transport



Height	Width/depth	Article No.
100 mm	400 mm	8PQ1014-0BA02
	600 mm	8PQ1016-0BA02
	800 mm	8PQ1018-0BA02
	1000 mm	8PQ1011-1BA01
	1200 mm	8PQ1012-2BA01

Enclosure

Paneling sections



Hinge position	Width	IP40	IP55	IP55 glass doors	IP40	IP55	IP30
With double-bit lock							
Left	200 mm	–	–	–	8PQ2197-2BA15	8PQ2197-2BA14	–
	400 mm	8PQ2197-4BA08	8PQ2197-4BA05	–	8PQ2197-4BA02	8PQ2197-4BA01	–
	600 mm	8PQ2197-6BA06	8PQ2197-6BA03	8PQ2197-6BA10	–	–	8PQ2197-6BA11
	800 mm	8PQ2197-8BA06	8PQ2197-8BA03	8PQ2197-8BA10	–	–	8PQ2197-8BA11
	1000 mm	8PQ2197-1BA06	8PQ2197-1BA03	8PQ2197-1BA10	–	–	–
Right	200 mm	–	–	–	8PQ2197-2BA15	8PQ2197-2BA14	–
	400 mm	8PQ2197-4BA11	8PQ2197-4BA10	–	8PQ2197-4BA02	8PQ2197-4BA01	–
	600 mm	8PQ2197-6BA13	8PQ2197-6BA12	8PQ2197-6BA14	–	–	8PQ2197-6BA11
	800 mm	8PQ2197-8BA13	8PQ2197-8BA12	8PQ2197-8BA14	–	–	8PQ2197-8BA11
	1000 mm	8PQ2197-1BA18	8PQ2197-1BA17	8PQ2197-1BA20	–	–	–
For profile semicylinder							
Left	200 mm	–	–	–	8PQ2197-2BA15	8PQ2197-2BA14	–
	400 mm	8PQ2197-4BA06	8PQ2197-4BA03	–	8PQ2197-4BA02	8PQ2197-4BA01	–
	600 mm	8PQ2197-6BA04	8PQ2197-6BA01	8PQ2197-6BA07	–	–	8PQ2197-6BA11
	800 mm	8PQ2197-8BA04	8PQ2197-8BA01	8PQ2197-8BA07	–	–	8PQ2197-8BA11
	1000 mm	8PQ2197-1BA07	8PQ2197-1BA04	8PQ2197-1BA11	–	–	–
Right	200 mm	–	–	–	8PQ2197-2BA15	8PQ2197-2BA14	–
	400 mm	8PQ2197-4BA07	8PQ2197-4BA04	–	8PQ2197-4BA02	8PQ2197-4BA01	–
	600 mm	8PQ2197-6BA05	8PQ2197-6BA02	8PQ2197-6BA08	–	–	8PQ2197-6BA11
	800 mm	8PQ2197-8BA05	8PQ2197-8BA02	8PQ2197-8BA08	–	–	8PQ2197-8BA11
	1000 mm	8PQ2197-1BA08	8PQ2197-1BA05	8PQ2197-1BA12	–	–	–

Accessories

Cubicle keys			
	Version	Scope of supply	Article No.
	3 mm double bit	10 units	8PQ9400-0BA12
Inner door struts			
	Height		Article No.
	1975 mm		8PQ2197-0BA10
Cubicle ID plate			
	Version		Article No.
	SIVACON designed by Siemens		8PQ9400-0BA06
Flat cylinders/two-way interlocking mechanism			
	Version		Article No.
	Rotary handles with flat cylinder		8PQ9400-0BA07
	• With key • Identical key type		
	Rotary handles with two-way interlocking mechanism		8PQ9400-0BA08
	Coupling bars		8PQ9400-0BA27
	Locking rods		8PQ9400-0BA37
	Bar guides		8PQ9400-0BA36
	Profile semicylinders		
	Version		Article No.
	Rotary handles for profile semicylinders		8PQ9400-0BA41
	Coupling bars		8PQ9400-0BA28
	Locking rods		8PQ9400-0BA38
	Bar guides		8PQ9400-0BA36
	Profile semicylinders Acc. to DIN 18252/18254, 8 × 45° adjustable, with identical keys (key number 333), including key		8PQ9400-0BA26
Door hinges			
	Version	Scope of supply	Article No.
	Suitable for modular or section doors	2 units	8PQ9400-0BA55

Enclosure

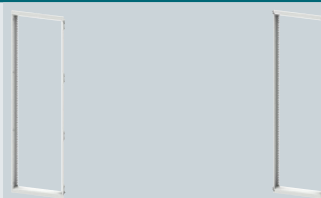
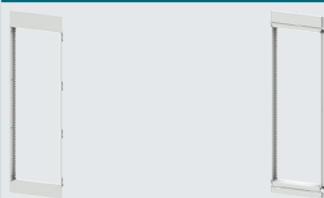
Internal covers



Main busbar at top

Frame without main busbar

④ Masking frames



Width	Fixed	Swivel	Fixed	Swivel
600 mm	8PQ2000-6BA03	8PQ2000-6BA02	8PQ2000-6BA04	8PQ2000-6BA01
800 mm	8PQ2000-8BA03	8PQ2000-8BA02	8PQ2000-8BA04	8PQ2000-8BA01

⑤ Blanking covers



Height	Width 600 mm	Width 800 mm
50 mm	8PQ2005-6BA01	8PQ2005-8BA01
100 mm	8PQ2010-6BA01	8PQ2010-8BA01
150 mm	8PQ2015-6BA02	8PQ2015-8BA02
200 mm	8PQ2020-6BA01	8PQ2020-8BA01
250 mm	8PQ2025-6BA01	8PQ2025-8BA01
300 mm	8PQ2030-6BA01	8PQ2030-8BA01
350 mm	8PQ2035-6BA01	8PQ2035-8BA01
400 mm	8PQ2040-6BA01	8PQ2040-8BA01
500 mm	8PQ2050-6BA01	8PQ2050-8BA01
550 mm	8PQ2055-6BA01	8PQ2055-8BA01
600 mm	8PQ2060-6BA01	8PQ2060-8BA01
650 mm	8PQ2065-6BA01	8PQ2065-8BA01
800 mm	8PQ2080-6BA01	8PQ2080-8BA01

Accessories

4 Covers, ventilated

	Height	Width	Article No.
	100 mm	600 mm	8PQ2010-6BA02
		800 mm	8PQ2010-8BA02

Quick-release lock

	Version	Scope of supply	Article No.
	SIVACON - Blue green basic	20 units	8PQ9400-0BA54

Hinges for covers

	Version	Scope of supply	Article No.
	Set for one cover	2 units	8PQ2000-0BA08

Enclosure

Modular doors



Device compartments

2 Modular doors

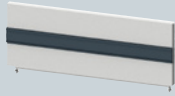


Covers



Width	Height	IP4X	IP55 upgrade	IP4X	IP55 upgrade
400 mm	50 mm	–	–	8PQ2005-4BA03	8PQ2005-4BA01
	100 mm	–	–	8PQ2010-4BA02	8PQ2010-4BA01
	150 mm	8PQ2015-4BA04	8PQ2015-4BA05	–	–
	200 mm	8PQ2020-4BA01	8PQ2020-4BA03	–	–
	250 mm	8PQ2025-4BA01	8PQ2025-4BA02	–	–
	300 mm	8PQ2030-4BA01	8PQ2030-4BA02	–	–
	350 mm	8PQ2035-4BA01	8PQ2035-4BA02	–	–
	400 mm	8PQ2040-4BA01	8PQ2040-4BA03	–	–
	450 mm	8PQ2045-4BA01	8PQ2045-4BA02	–	–
	500 mm	8PQ2050-4BA01	8PQ2050-4BA02	–	–
	550 mm	8PQ2055-4BA11	8PQ2055-4BA07	–	–
	600 mm	8PQ2060-4BA01	8PQ2060-4BA03	–	–
	650 mm	8PQ2065-4BA01	8PQ2065-4BA02	–	–
	700 mm	8PQ2070-4BA07	8PQ2070-4BA08	–	–
	750 mm	8PQ2072-4BA01	8PQ2075-4BA01	–	–
	800 mm	8PQ2080-4BA01	8PQ2080-4BA04	–	–
600 mm	50 mm	–	–	8PQ2005-6BA04	8PQ2005-6BA03
	100 mm	–	–	8PQ2010-6BA04	8PQ2010-6BA03
	150 mm	8PQ2015-6BA10	8PQ2015-6BA12	–	–
	200 mm	8PQ2020-6BA14	8PQ2020-6BA15	–	–
	250 mm	8PQ2025-6BA07	8PQ2025-6BA08	–	–
	300 mm	8PQ2030-6BA10	8PQ2030-6BA12	–	–
	350 mm	8PQ2035-6BA12	8PQ2035-6BA13	–	–
	400 mm	8PQ2040-6BA12	8PQ2040-6BA13	–	–
	450 mm	8PQ2045-6BA05	8PQ2045-6BA06	–	–
	500 mm	8PQ2050-6BA03	8PQ2050-6BA04	–	–
	550 mm	8PQ2055-6BA04	8PQ2055-6BA06	–	–
	600 mm	8PQ2060-6BA06	8PQ2060-6BA07	–	–
	650 mm	8PQ2065-6BA03	8PQ2065-6BA04	–	–
	700 mm	8PQ2070-6BA03	8PQ2070-6BA04	–	–
	750 mm	8PQ2075-6BA01	8PQ2075-6BA02	–	–
	800 mm	8PQ2080-6BA03	8PQ2080-6BA04	–	–
800 mm	50 mm	–	–	8PQ2005-8BA04	8PQ2005-8BA03
	100 mm	–	–	8PQ2010-8BA04	8PQ2010-8BA03
	150 mm	8PQ2015-8BA05	8PQ2015-8BA07	–	–
	200 mm	8PQ2020-8BA07	8PQ2020-8BA08	–	–
	250 mm	8PQ2025-8BA04	8PQ2025-8BA05	–	–
	300 mm	8PQ2030-8BA05	8PQ2030-8BA06	–	–
	350 mm	8PQ2035-8BA06	8PQ2035-8BA07	–	–
	400 mm	8PQ2040-8BA12	8PQ2040-8BA13	–	–
	450 mm	8PQ2045-8BA03	8PQ2045-8BA04	–	–
	500 mm	8PQ2050-8BA03	8PQ2050-8BA04	–	–
	550 mm	8PQ2055-8BA03	8PQ2055-8BA06	–	–
	600 mm	8PQ2060-8BA04	8PQ2060-8BA05	–	–
	650 mm	8PQ2065-8BA03	8PQ2065-8BA04	–	–
	700 mm	8PQ2070-8BA01	8PQ2070-8BA02	–	–
	750 mm	8PQ2075-8BA01	8PQ2075-8BA02	–	–
	800 mm	8PQ2080-8BA03	8PQ2080-8BA04	–	–

Head compartments

		1 Doors		Covers
				
				
Width	Height	IP4X	IP55 upgrade	IP4X
Main busbar at top				
400 mm	225 mm	8PQ2022-4BA04	8PQ2022-4BA03	8PQ2022-4BA01
600 mm	225 mm	8PQ2022-6BA04	8PQ2022-6BA02	8PQ2022-6BA01
800 mm	225 mm	8PQ2022-8BA03	8PQ2022-8BA02	8PQ2022-8BA01
Main busbar at bottom				
400 mm	175 mm	–	8PQ2022-4BA03	8PQ2000-4BA02
600 mm	175 mm	–	8PQ2022-6BA02	8PQ2000-6BA08
800 mm	175 mm	–	8PQ2022-8BA02	8PQ2000-8BA08
400 mm	725 mm	8PQ2072-4BA02	8PQ2070-4BA06	–
600 mm	725 mm	8PQ2072-6BA01	8PQ2070-6BA11	–

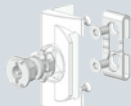
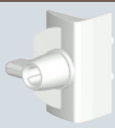
Base compartments

		2 Doors		Covers
				
				
Width	Height	IP4X	IP55 upgrade	IP4X
400 mm	150 + 25 mm	–	8PQ2015-4BA03	8PQ2015-4BA01
600 mm	150 + 25 mm	–	8PQ2015-6BA13	8PQ2000-6BA07
800 mm	150 + 25 mm	–	8PQ2015-8BA08	8PQ2000-8BA07
400 mm	700 + 25 mm	8PQ2070-4BA01	–	–
600 mm	700 + 25 mm	8PQ2070-6BA05	–	–

Enclosure

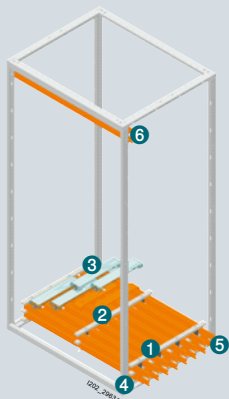
Modular doors

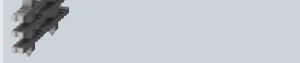
Accessories

Door hinges			
	Version	Scope of supply	Article No.
	Suitable for modular or section doors	2 units	8PQ9400-0BA55
Locks			
	Version		Article No.
	Two-way interlocking mechanisms		8PQ9400-0BA40
Handles for modular door			
	Version		Article No.
	Without lock		8PQ9400-0BA73
	With flat cylinder, identical key type		8PQ9400-0BA72
ID strips			
	Width	Scope of supply	Article No.
	400 mm	6 units	8PQ5000-3BA42
	600 mm	6 units	8PQ5000-3BA43
	800 mm	6 units	8PQ5000-3BA46
Inner door struts			
	Height		Article No.
	400 mm		8PQ2040-0BA06
	550 mm		8PQ2055-0BA05
	600 mm		8PQ2060-0BA14
	625 mm		8PQ2060-0BA14
	700 mm		8PQ2070-0BA02
	725 mm		8PQ2070-0BA02
	800 mm		8PQ2080-0BA07
Cubicle keys			
	Version	Scope of supply	Article No.
	3 mm double bit	10 units	8PQ9400-0BA12

Busbar systems

Main busbars



❶ Busbar supports		❷ Reinforcement		❸ Equipotential bonding	Covers	❹ PEN grounding	Arcing fault barriers
							
Up to 3200 A	Up to 4000 A	Up to 3200 A	Up to 4000 A				
8PQ4000-0BA04	8PQ4000-0BA60	8PQ4000-0BA37	2× 8PQ4000-0BA37	8PQ4000-0BA62	–	8PQ4000-0BA12	8PQ9400-0BA21
8PQ4000-0BA04	8PQ4000-0BA60	8PQ4000-0BA37	2× 8PQ4000-0BA37	8PQ4000-0BA62	8PQ4000-1BA25	8PQ4000-0BA12	8PQ9400-0BA21
8PQ4000-0BA04	–	8PQ4000-0BA37	–	–	–	8PQ4000-2BA24	8PQ9400-0BA21
+ 8PQ3000-0BA10							

Accessories

5 Connecting lugs



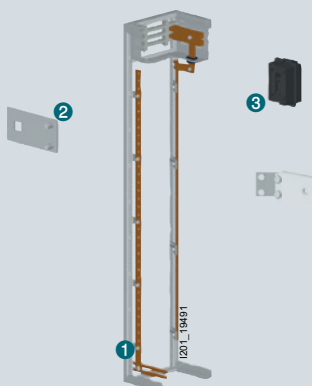
Version	Cross-section	Article No.
For L1, L2, L3, N or PEN	20 × 10 mm	8PQ4000-0BA53
	30 × 10 mm	8PQ4000-0BA54
	40 × 10 mm	8PQ4000-0BA56
	50 × 10 mm	8PQ4000-0BA57

6 Connecting lugs



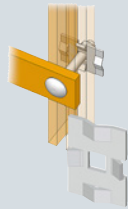
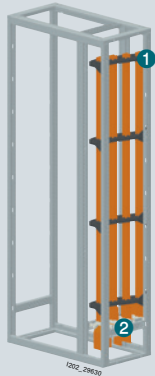
For PE bar	20 × 5 mm	8PQ4000-0BA52
	30 × 5 mm	
	30 × 10 mm	
	40 × 5 mm	8PQ4000-0BA67
	40 × 10 mm	
	50 × 10 mm	

N/PE bars



	1 Frame connection	2 PE holders	3 N holders
	6 units		
Position of main busbar			
Top, bottom, rear	8PQ4000-0BA82	8PQ4000-2BA23	8PQ4000-2BA22

Vertical distribution busbars, cascaded, up to $I_{cw} = 65$ kA



1 Busbar supports



2 Supports



Position of main busbar	30 × 10 mm, 910 – 1600 A	40 × 10 mm, 1100 – 1640 A	
Top	8PQ4000-0BA32	8PQ4000-0BA63	–
Bottom	8PQ4000-0BA32	8PQ4000-0BA63	8PQ4000-1BA23

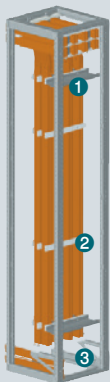
Accessories

Connection				
	Components	Version	Scope of supply	Article No.
	Busbar clamps	–	20 units	8PQ9400-0BA02
	Saucer-head bolts	M10 × 35 mm	50 units	8PQ9500-0BA14
		M10 × 45 mm	50 units	8PQ9500-0BA16
		M10 × 55 mm	50 units	8PQ9500-1BA36
		M10 × 65 mm	50 units	8PQ9500-1BA25
	Spring washers	For M10	50 units	8PQ9500-0BA60
	Hexagonal nuts	M10	50 units	8PQ9500-0BA05

Connecting lugs

	Position of vertical distribution busbar	Position of main busbar	Depth	Article No.
	Right	Front	400 mm	8PQ4000-0BA45
		Rear	600 mm, 800 mm	8PQ4000-0BA46
	Left	Front	400 mm	8PQ4000-0BA73
		Rear	600 mm, 800 mm	8PQ4000-0BA72
	Right	Front	400 mm	8PQ4000-0BA47
		Rear	600 mm, 800 mm	8PQ4000-0BA48
	Left	Front	400 mm	8PQ4000-0BA75
		Rear	600 mm, 800 mm	8PQ4000-0BA48
			800 mm	8PQ4000-0BA71

Vertical distribution busbars, non-cascaded, up to $I_{cw} = 100$ kA



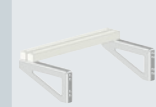
1 Busbar supports



2 Reinforcement



3 Supports



Position of main busbar	Width			
Top	200 mm	8PQ4000-2BA25	8PQ4000-0BA37	8PQ4000-0BA78
	400 mm	8PQ4000-2BA26	8PQ4000-0BA37	8PQ4000-0BA61
Bottom	200 mm	8PQ4000-2BA25	8PQ4000-0BA37	–
	400 mm	8PQ4000-2BA26	8PQ4000-0BA37	–

Accessories

Connecting lugs			
	Position of main busbar	Depth	Article No.
	Front	400 mm	8PQ4000-0BA38
		600 mm, 800 mm	8PQ4000-0BA40
	Rear	800 mm	8PQ4000-0BA43
		400 mm	8PQ4000-0BA41
	Front	400 mm	8PQ4000-0BA41
		600 mm, 800 mm	8PQ4000-0BA42
	Rear	800 mm	8PQ4000-0BA44

Section expansion

Air circuit breakers 3WL, infeed main busbar at top



3 and 4-pole

① Head compartment doors

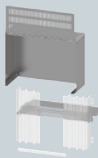
② Modular doors



Installation type	Size	Width	Depth	IP40	IP55 upgrade	IP40	IP55	IP55 upgrade
Fixed-mounted	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
	III	1000 mm	800 mm	8PQ2067-1BA01	8PQ2067-1BA02	8PQ2055-1BA03 + 3WL9111-0AP01-0AA0	8PQ2055-1BA04 + 3WL9111-0AP02-0AA0	8PQ2055-1BA06
Withdrawable	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
	III	1000 mm	800 mm	8PQ2067-1BA01	8PQ2067-1BA02	8PQ2055-1BA03 + 3WL9111-0AP01-0AA0	8PQ2055-1BA04 + 3WL9111-0AP02-0AA0	8PQ2055-1BA06

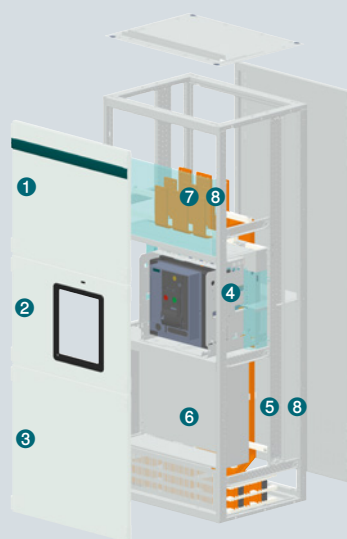
Technical specifications

		Rated operational current I_{ec}													
		Ventilated IP40							Non-ventilated IP55						
Size	I_n	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
I	1600 A	1600 A	1600 A	1590 A	1550 A	1510 A	1460 A	1420 A	1370 A	1340 A	1310 A	1270 A	1240 A	1200 A	1170 A
	2000 A	2000 A	2000 A	1990 A	1940 A	1890 A	1830 A	1780 A	1720 A	1680 A	1640 A	1590 A	1550 A	1510 A	1460 A
II	2000 A	2000 A	2000 A	2000 A	2000 A	2000 A	2000 A	2000 A	1960 A	1920 A	1870 A	1820 A	1780 A	1730 A	1670 A
	3200 A	2850 A	2790 A	2720 A	2650 A	2580 A	2510 A	2430 A	2260 A	2210 A	2160 A	2100 A	2050 A	1990 A	1930 A
III	4000 A	4000 A	4000 A	4000 A	4000 A	3950 A	3870 A	3780 A	3230 A	3150 A	3080 A	3000 A	2920 A	2840 A	2750 A

⑤ Base compartment doors		④ Mounting plates	⑥ Main busbar connection		⑧ Separation 4b	⑦ Cable connection	⑨ Insulation
							
IP40	IP55 upgrade		Front	Rear			
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	—	8PQ5000-4BA28	8PQ6000-5BA81	—
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	—	8PQ5000-4BA30	8PQ6000-5BA81	—
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	8PQ6001-1BA00 new	8PQ5000-4BA31	8PQ6000-5BA81	—
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	—	8PQ5000-4BA32	8PQ6000-5BA83	—
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	8PQ6001-1BA01 new	8PQ5000-4BA33	8PQ6000-5BA83	—
8PQ2075-1BA01	8PQ2075-1BA02	8PQ6000-5BA23	8PQ6000-5BA33	—	8PQ5000-5BA11	8PQ6000-5BA84	—
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	—	8PQ5000-4BA28	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	—	8PQ5000-4BA30	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	8PQ6001-1BA00 new	8PQ5000-4BA31	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	—	8PQ5000-4BA32	8PQ6000-5BA83	—
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	8PQ6001-1BA01 new	8PQ5000-4BA33	8PQ6000-5BA83	—
8PQ2075-1BA01	8PQ2075-1BA02	8PQ6000-5BA23	8PQ6000-5BA33	—	8PQ5000-5BA11	8PQ6000-5BA84	—

Section expansion

3WL air circuit breakers, infeed main busbar at bottom



3 and 4-pole

① Head compartment doors

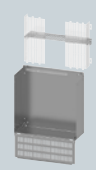
② Modular doors



Installation type	Size	Width	Depth	IP40	IP55 upgrade	IP40	IP55	IP55 upgrade
Fixed-mounted	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
Withdrawable	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06

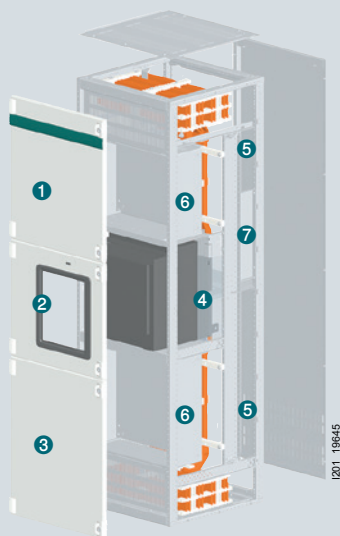
Technical specifications

		Rated operational current I_{ec}													
		Ventilated IP40							Non-ventilated IP55						
Size	I_n	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
I	1600 A	1540 A	1500 A	1470 A	1430 A	1390 A	1350 A	1310 A	1390 A	1350 A	1320 A	1290 A	1240 A	1190 A	1140 A
	2000 A	1930 A	1880 A	1840 A	1790 A	1740 A	1690 A	1640 A	1710 A	1670 A	1630 A	1590 A	1530 A	1470 A	1410 A
II	2000 A	2000 A	2000 A	2000 A	2000 A	1990 A	1920 A	1830 A	2000 A	1950 A	1880 A	1820 A	1750 A	1680 A	1610 A
	3200 A	2710 A	2640 A	2570 A	2490 A	2400 A	2300 A	2200 A	2320 A	2250 A	2180 A	2100 A	2030 A	1950 A	1860 A

⑤ Base compartment doors		④ Mounting plates	⑤ Main busbar connection		⑥ Separation 4b	⑦ Cable connection	⑧ Insulation
							
IP40	IP55 upgrade		Front	Rear			
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	–	8PQ5000-4BA34	8PQ6000-5BA81	–
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	–	8PQ5000-4BA35	8PQ6000-5BA81	–
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	8PQ6001-1BA00 new	8PQ5000-4BA36	8PQ6000-5BA81	–
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	–	8PQ5000-4BA37	8PQ6000-5BA83	–
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	8PQ6001-1BA01 new	8PQ5000-4BA38	8PQ6000-5BA83	–
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	–	8PQ5000-4BA34	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	–	8PQ5000-4BA35	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	8PQ6000-6BA75	8PQ6001-1BA00 new	8PQ5000-4BA36	8PQ6000-5BA82	8PQ6000-7BA28
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	–	8PQ5000-4BA37	8PQ6000-5BA83	–
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	8PQ6000-6BA76	8PQ6001-1BA01 new	8PQ5000-4BA38	8PQ6000-5BA83	–

Section expansion

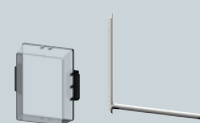
3WL air circuit breakers, coupling



3 and 4-pole

1 Head compartment doors

2 Modular doors

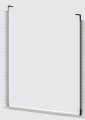


Installation type	Size	Width	Depth	IP40	IP55 upgrade	IP4X	IP55	IP55 upgrade
Fixed-mounted	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
Withdrawable	I	600 mm	400 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			600 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
			800 mm	8PQ2067-6BA01	8PQ2067-6BA02	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0	8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ2055-6BA06
	II	800 mm	600 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06
			800 mm	8PQ2067-8BA01	8PQ2067-8BA02	8PQ2055-8BA08 + 3WL9111-0AP01-0AA0	8PQ2055-8BA10 + 3WL9111-0AP02-0AA0	8PQ2055-8BA06

Technical specifications

		Rated operational current I _{ec}													
		Ventilated IP40								Non-ventilated IP55					
Size	I _n	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
I	1600 A	1540 A	1500 A	1470 A	1430 A	1390 A	1350 A	1310 A	1390 A	1350 A	1320 A	1290 A	1240 A	1190 A	1140 A
	2000 A	1930 A	1880 A	1840 A	1790 A	1740 A	1690 A	1640 A	1710 A	1670 A	1630 A	1590 A	1530 A	1470 A	1410 A
II	2000 A	2000 A	2000 A	2000 A	2000 A	1990 A	1920 A	1830 A	2000 A	1950 A	1880 A	1820 A	1750 A	1680 A	1610 A
	3200 A	2710 A	2640 A	2570 A	2490 A	2400 A	2300 A	2200 A	2320 A	2250 A	2180 A	2100 A	2030 A	1950 A	1860 A

⑤ Base compartment doors



IP40

IP55 upgrade

④ Mounting plates



⑥ Main busbar connection



⑥ Separation 4b



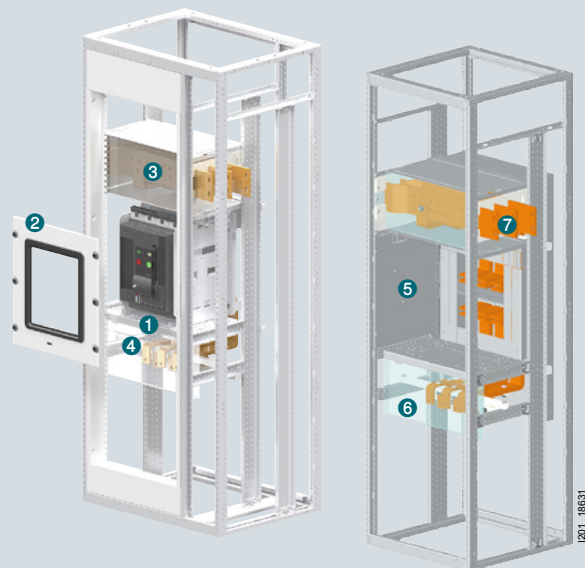
⑦ Uprights



8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA12	—
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA13	2× 8PQ3000-3BA50
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA14	2× 8PQ3000-3BA51
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	2× 8PQ6000-6BA76	8PQ5000-5BA15	2× 8PQ3000-3BA50
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	2× 8PQ6000-6BA76	8PQ5000-5BA16	2× 8PQ3000-3BA51
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA12	—
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA13	2× 8PQ3000-3BA50
8PQ2075-6BA01	8PQ2075-6BA03	8PQ6000-5BA26	2× 8PQ6000-6BA75	8PQ5000-5BA14	2× 8PQ3000-3BA51
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	2× 8PQ6000-6BA76	8PQ5000-5BA15	2× 8PQ3000-3BA50
8PQ2075-8BA01	8PQ2075-8BA03	8PQ6000-5BA24	2× 8PQ6000-6BA76	8PQ5000-5BA16	2× 8PQ3000-3BA51

Section expansion

3WL air circuit breakers, connection of section busbar systems



Modular doors

1 Mounting plates

2 Modular doors



Installation type	Size	Width	Number of poles	Rated current		IP4X
Fixed-mounted	I	400 mm	3-pole	1600 A	8PQ6000-5BA25	8PQ2055-4BA12 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-5BA25	8PQ2055-4BA12 + 3WL9111-0AP01-0AA0
		600 mm	4-pole	1600 A	8PQ6000-5BA26	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-5BA26	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0
Withdrawable	I	400 mm	3-pole	1600 A	8PQ6000-5BA25	8PQ2055-4BA12 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-5BA25	8PQ2055-4BA12 + 3WL9111-0AP01-0AA0
		600 mm	4-pole	1600 A	8PQ6000-5BA26	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-5BA26	8PQ2055-6BA16 + 3WL9111-0AP01-0AA0

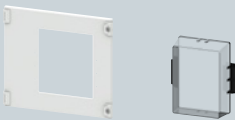
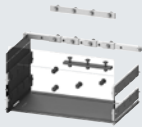
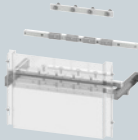
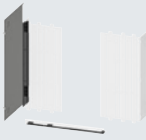
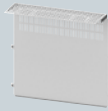
Covers

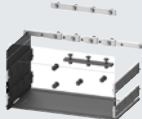
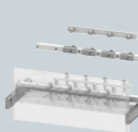
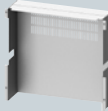
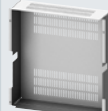
1 Mounting plates

2 Covers



Installation type	Size	Width	Number of poles	Rated current		IP4X
Fixed-mounted	I	600 mm	3-pole	1600 A	8PQ6000-3BA31	8PQ2055-6BA05 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA31	8PQ2055-6BA05 + 3WL9111-0AP01-0AA0
			4-pole	1600 A	8PQ6000-3BA31	8PQ2055-6BA07 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA31	8PQ2055-6BA07 + 3WL9111-0AP01-0AA0
		800 mm	3/4-pole	1600 A	8PQ6000-3BA32	8PQ2055-8BA04 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA32	8PQ2055-8BA04 + 3WL9111-0AP01-0AA0
Withdrawable	I	600 mm	3-pole	1600 A	8PQ6000-3BA31	8PQ2055-6BA05 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA31	8PQ2055-6BA05 + 3WL9111-0AP01-0AA0
			4-pole	1600 A	8PQ6000-3BA31	8PQ2055-6BA07 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA31	8PQ2055-6BA07 + 3WL9111-0AP01-0AA0
		800 mm	3/4-pole	1600 A	8PQ6000-3BA32	8PQ2055-8BA04 + 3WL9111-0AP01-0AA0
				2000 A	8PQ6000-3BA32	8PQ2055-8BA04 + 3WL9111-0AP01-0AA0

	③ Section busbars	④ Cable connection	⑤ Device compartment	⑥ Cable connection	⑦ Section busbars
			Separation, form 3 	Separation, form 4 	Separation, form 4 
IP55					
–	8PQ6000-5BA48	8PQ6000-5BA78	8PQ5000-3BA82	8PQ5000-3BA84	8PQ5000-3BA84
–	8PQ6000-7BA05	8PQ6000-5BA78	8PQ5000-3BA82	8PQ5000-4BA00	8PQ5000-3BA85
8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ6000-5BA51	8PQ6000-5BA81	8PQ5000-3BA82	8PQ5000-3BA86	8PQ5000-3BA86
8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ6000-7BA07	8PQ6000-5BA81	8PQ5000-3BA82	8PQ5000-4BA01	8PQ5000-3BA87
–	8PQ6000-5BA50	8PQ6000-5BA80	8PQ5000-3BA82	8PQ5000-3BA84	8PQ5000-3BA84
–	8PQ6000-7BA06	8PQ6000-5BA80	8PQ5000-3BA82	8PQ5000-4BA00	8PQ5000-3BA85
8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ6000-5BA52	8PQ6000-5BA82	8PQ5000-3BA82	8PQ5000-3BA86	8PQ5000-3BA86
8PQ2055-6BA17 + 3WL9111-0AP02-0AA0	8PQ6000-7BA08	8PQ6000-5BA82	8PQ5000-3BA82	8PQ5000-4BA01	8PQ5000-3BA87

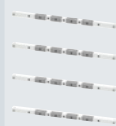
	③ Section busbars	④ Cable connection	⑤ Device compartment	⑥ Cable connection	⑦ Section busbars
			Separation, form 3 	Separation, form 4 	Separation, form 4 
	8PQ6000-5BA45	8PQ6000-5BA75	8PQ5000-0BA08	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-7BA03	8PQ6000-5BA75	8PQ5000-0BA08	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-5BA45	8PQ6000-5BA75	8PQ5000-0BA08	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-7BA03	8PQ6000-5BA75	8PQ5000-0BA08	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-5BA46	8PQ6000-5BA76	8PQ5000-1BA65	8PQ5000-1BA68	8PQ5000-1BA67
	8PQ6000-7BA04	8PQ6000-5BA76	8PQ5000-1BA65	8PQ5000-1BA68	8PQ5000-1BA67
	8PQ6000-5BA45	8PQ6000-5BA75	8PQ5000-0BA07	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-7BA03	8PQ6000-5BA75	8PQ5000-0BA07	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-5BA45	8PQ6000-5BA75	8PQ5000-0BA07	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-7BA03	8PQ6000-5BA75	8PQ5000-0BA07	8PQ5000-0BA30	8PQ5000-0BA14
	8PQ6000-5BA46	8PQ6000-5BA76	8PQ5000-1BA66	8PQ5000-1BA68	8PQ5000-1BA67
	8PQ6000-7BA04	8PQ6000-5BA76	8PQ5000-1BA66	8PQ5000-1BA68	8PQ5000-1BA67

Section expansion

3WL air circuit breakers, accessories

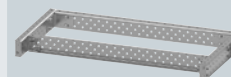
Busbar holders

1 set = 4 holders



Busbar connections

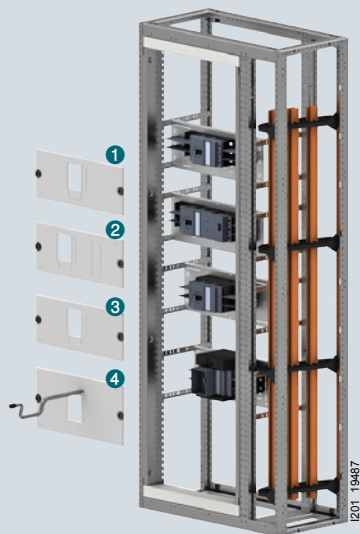
For use with SIVACON 8PS



Size	Width	Number of poles		
I	600 mm	3, 4	8PQ6000-4BA35	8PQ3000-1BA70
	800 mm	3, 4	8PQ6000-4BA37	8PQ3000-1BA71
II	600 mm	3	8PQ6000-4BA36	8PQ3000-1BA70
	800 mm	3, 4	8PQ6000-4BA38	8PQ3000-1BA71
III	1000 mm	3, 4	8PQ6000-4BA40	8PQ3000-1BA72

Section expansion

3VA molded case circuit breakers, internal cover, horizontal, 3-pole



1 Fixed-mounted version



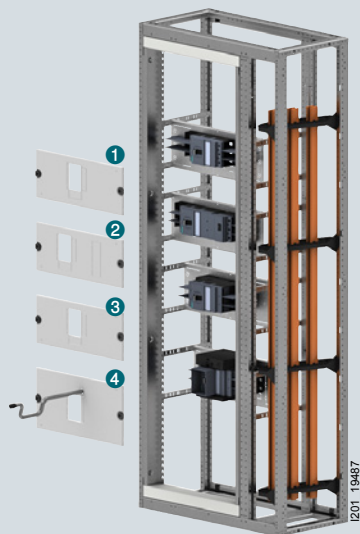
Type	I _n	Width	Height	Operating mechanism			Device holders
				Direct	Rotary	Motorized	
3VA10	100 A	600 mm	150 mm	■	■	—	8PQ6000-8BA01
		800 mm	150 mm	■	■	—	8PQ6000-8BA02
3VA11	160 A	600 mm	150 mm	■	■	■	8PQ6000-8BA01
		800 mm	150 mm	■	■	■	8PQ6000-8BA02
3VA12	250 A	600 mm	150 mm	■	■	■	8PQ6000-8BA03
				■	—	■	—
		800 mm	200 mm	■	■	■	8PQ6000-8BA07
3VA13 new	400 A			■	—	■	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA23
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
3VA14 new	630 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA23
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
3VA20	100 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	■	■	8PQ6000-8BA10
3VA21	160 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	■	■	8PQ6000-8BA10
3VA22	250 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	■	■	8PQ6000-8BA10
3VA23	400 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA23
		800 mm	250 mm	■	—	—	8PQ6000-8BA27
3VA24	630 A			■	—	—	—
		600 mm	200 mm	■	■	■	8PQ6000-8BA23
		800 mm	250 mm	■	—	—	8PQ6000-8BA27

② Fixed-mounted version with RCD			③ Plug-in version		④ Withdrawable version	
						
Covers	Device holders	Covers	Device holders	Covers	Device holders	Covers
8PQ2015-6BA26	–	–	–	–	–	–
8PQ2015-8BA11	–	–	–	–	–	–
8PQ2015-6BA26	8PQ6000-8BA01	8PQ2015-6BA27	8PQ6000-8BA01	8PQ2015-6BA26	–	–
8PQ2015-8BA11	8PQ6000-8BA02	8PQ2015-8BA11	8PQ6000-8BA02	8PQ2015-8BA11	–	–
8PQ2015-6BA28	8PQ6000-8BA03 ¹⁾	8PQ2015-6BA30	8PQ6000-8BA04	8PQ2015-6BA28	–	–
–	–	–	–	–	8PQ6000-8BA04	8PQ2025-6BA21
8PQ2020-8BA20	8PQ6000-8BA07	8PQ2020-8BA20	8PQ6000-8BA07	8PQ2020-8BA20	–	–
–	–	–	–	–	8PQ6000-8BA07	8PQ2025-8BA12
8PQ2020-6BA41	–	–	–	–	–	–
8PQ2025-8BA14	–	–	–	–	–	–
–	–	–	8PQ6001-1BA02	8PQ2025-8BA18	–	–
–	–	–	–	–	8PQ6001-1BA02	8PQ2030-8BA15
8PQ2020-6BA41	–	–	–	–	–	–
8PQ2025-8BA14	–	–	–	–	–	–
–	–	–	8PQ6001-1BA02	8PQ2025-8BA14	–	–
–	–	–	–	–	8PQ6001-1BA02	8PQ2030-8BA15
8PQ2020-6BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2025-6BA22
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2025-8BA13
8PQ2020-6BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2025-6BA22
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2025-8BA13
8PQ2020-6BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2025-6BA22
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2025-8BA13
8PQ2020-6BA41	–	–	–	–	–	–
8PQ2025-8BA14	8PQ6000-8BA27	8PQ2025-8BA14	8PQ6000-8BA28	8PQ2025-8BA14	–	–
–	–	–	–	–	8PQ6000-8BA28	8PQ2030-8BA14
8PQ2020-6BA41	–	–	–	–	–	–
8PQ2025-8BA14	8PQ6000-8BA27	8PQ2025-8BA14	8PQ6000-8BA28	8PQ2025-8BA14	–	–
–	–	–	–	–	8PQ6000-8BA28	8PQ2030-8BA14

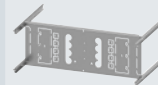
¹⁾ For applications >415 V, front mounted rotary operating mechanism or motorized operating mechanism required for compliance with safety clearances.

Section expansion

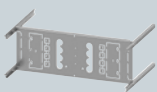
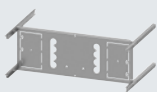
3VA molded case circuit breakers, internal cover, horizontal, 4-pole



1 Fixed-mounted version



Type	I _n	Width	Height	Operating mechanism			Device holders
				Direct	Rotary	Motorized	
3VA10	100 A	600 mm	150 mm	■	■	—	8PQ6000-8BA01
		800 mm	150 mm	■	■	—	8PQ6000-8BA02
3VA11	160 A	600 mm	150 mm	■	■	■	8PQ6000-8BA01
		800 mm	150 mm	■	■	■	8PQ6000-8BA02
3VA12	250 A	600 mm	150 mm	■	■	■	8PQ6000-8BA05
		800 mm	200 mm	■	—	—	—
				■	■	■	8PQ6000-8BA07
3VA13 new	400 A	600 mm	250 mm	■	■	■	8PQ6000-8BA25
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
		300 mm		■	—	—	—
				■	—	—	—
3VA14 new	630 A	600 mm	250 mm	■	■	■	8PQ6000-8BA25
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
		300 mm		■	—	—	—
				■	—	—	—
3VA20	100 A	600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	—	—	—
				■	■	■	8PQ6000-8BA10
3VA21	160 A	600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	—	—	—
				■	■	■	8PQ6000-8BA10
3VA22	250 A	600 mm	200 mm	■	■	■	8PQ6000-8BA08
		800 mm	200 mm	■	—	—	—
				■	■	■	8PQ6000-8BA10
3VA23	400 A	600 mm	200 mm	■	■	■	8PQ6000-8BA25
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
		300 mm		■	—	—	—
				■	—	—	—
3VA24	630 A	600 mm	200 mm	■	■	■	8PQ6000-8BA25
		800 mm	250 mm	■	■	■	8PQ6000-8BA27
		300 mm		■	—	—	—
				■	—	—	—

② Fixed-mounted version with RCD			③ Plug-in version		④ Withdrawable version	
						
Covers	Device holders	Covers	Device holders	Covers	Device holders	Covers
8PQ2015-6BA26	–	–	–	–	–	–
8PQ2015-8BA11	–	–	–	–	–	–
8PQ2015-6BA26	8PQ6000-8BA01	8PQ2015-6BA27	8PQ6000-8BA01	8PQ2015-6BA26	–	–
8PQ2015-8BA11	8PQ6000-8BA02	8PQ2015-8BA11	8PQ6000-8BA02	8PQ2015-8BA11	–	–
8PQ2020-6BA36	8PQ6000-8BA05 ¹⁾	8PQ2020-6BA37	8PQ6000-8BA06	8PQ2020-6BA36	–	–
–	–	–	–	–	8PQ6000-8BA06	8PQ2030-6BA25
8PQ2020-8BA20	8PQ6000-8BA07	8PQ2020-8BA20	8PQ6000-8BA07	8PQ2020-8BA20	–	–
–	–	–	–	–	8PQ6000-8BA07	8PQ2030-8BA12
8PQ2025-6BA23	–	–	–	–	–	–
8PQ2025-8BA14	–	–	–	–	–	–
–	–	–	8PQ6001-1BA02	8PQ2025-8BA18	–	–
–	–	–	–	–	8PQ6001-1BA02	8PQ2030-8BA15
8PQ2025-6BA23	–	–	–	–	–	–
8PQ2025-8BA14	–	–	–	–	–	–
–	–	–	8PQ6001-1BA02	8PQ2025-8BA18	–	–
–	–	–	–	–	8PQ6001-1BA02	8PQ2030-8BA15
8PQ2020-6BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2030-6BA26
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2030-8BA13
8PQ2020-8BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2030-6BA26
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2030-8BA13
8PQ2020-8BA38	8PQ6000-8BA11	8PQ2020-6BA40	8PQ6000-8BA08	8PQ2020-6BA38	–	–
–	–	–	–	–	8PQ6000-8BA08	8PQ2030-6BA26
8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	8PQ6000-8BA10	8PQ2020-8BA21	–	–
–	–	–	–	–	8PQ6000-8BA10	8PQ2030-8BA13
8PQ2020-8BA23	–	–	8PQ6000-8BA26	8PQ2025-6BA23	–	–
8PQ2020-8BA14	8PQ6000-8BA27	8PQ2025-8BA14	8PQ6000-8BA28	8PQ2025-8BA14	–	–
–	–	–	–	–	8PQ6000-8BA28	8PQ2035-8BA15
8PQ2020-8BA23	–	–	8PQ6000-8BA26	8PQ2025-6BA23	–	–
8PQ2020-8BA14	8PQ6000-8BA27	8PQ2025-8BA14	8PQ6000-8BA28	8PQ2025-8BA14	–	–
–	–	–	–	–	8PQ6000-8BA28	8PQ2035-8BA15

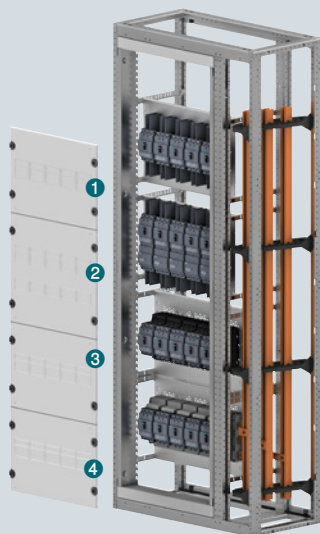
¹⁾ For applications >415 V, front mounted rotary operating mechanism or motorized operating mechanism required for compliance with safety clearances.

Accessories

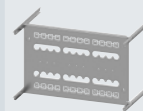
N-Link		
	Version	Article No.
	3VA10 (up to 100 A); 3VA11 (up to 160 A), 3VA12 (up to 250 A)	8PQ6000-8BA31
	3VA23 (up to 400 A); 3VA24 (up to 630 A)	8PQ6000-8BA32

Section expansion

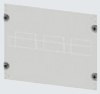
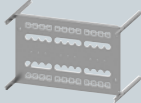
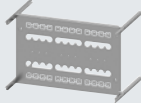
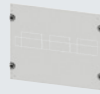
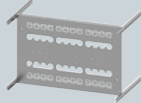
3VA molded case circuit breakers, internal cover, vertical, 3-pole



Fixed-mounted version

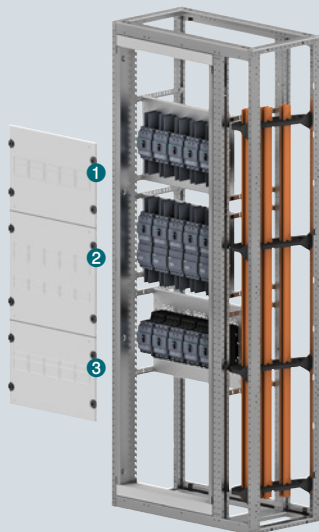


Type	I _n	No. of switching devices	Width	Height	Operating mechanism			Device holders
					Direct	Rotary	Motorized	
3VA10	100 A	5	600 mm	350 mm	■	■	–	8PQ6000-8BA33
		7	800 mm	350 mm	■	■	–	8PQ6000-8BA47
3VA11	160 A	5	600 mm	350 mm	■	■	■	8PQ6000-8BA33
				450 mm	■	■	■	–
		7	800 mm	350 mm	■	■	■	8PQ6000-8BA47
				450 mm	■	■	■	–
3VA12	250 A	3	600 mm	400 mm	■	■	■	8PQ6000-8BA35
				500 mm	■	■	■	–
		5	800 mm	400 mm	■	■	■	8PQ6000-8BA43
				500 mm	■	■	■	–
3VA13 new	400 A	3	600 mm	500 mm	■	■	■	8PQ6000-8BA54
				550 mm	■	■	■	–
		4	800 mm	500 mm	■	■	■	8PQ6000-8BA57
				550 mm	■	■	■	–
3VA14 new	630 A	3	600 mm	500 mm	■	■	■	8PQ6000-8BA54
				550 mm	■	■	■	–
		4	800 mm	500 mm	■	■	■	8PQ6000-8BA57
				550 mm	■	■	■	–
3VA20	100 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	8PQ6000-8BA37
				550 mm	■	■	–	–
					–	–	■	–
		5	800 mm	450 mm	■	■	–	8PQ6000-8BA50
					–	–	■	8PQ6000-8BA50
				550 mm	■	■	–	–
					–	–	■	–
3VA21	160 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	–
				550 mm	■	■	–	–
		5	800 mm	450 mm	■	■	–	–
					–	–	■	8PQ6000-8BA50
				550 mm	■	■	–	–
3VA22	250 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	–
				550 mm	■	■	–	–
		5	800 mm	450 mm	■	■	–	8PQ6000-8BA50
					–	–	■	–
				550 mm	■	■	–	–
3VA23	400 A	3	600 mm	450 mm	■	■	■	8PQ6000-8BA54
				600 mm	■	■	■	–
		4	800 mm	450 mm	■	■	■	8PQ6000-8BA57
				600 mm	■	■	■	–
3VA24	630 A	3	600 mm	450 mm	■	■	■	8PQ6000-8BA54
				600 mm	■	■	■	–
		4	800 mm	450 mm	■	■	■	8PQ6000-8BA57
				600 mm	■	■	■	–

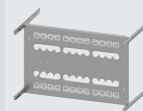
② Fixed-mounted version with RCD			③ Plug-in version		④ 8US design	
						
Covers	Device holders	Covers	Device holders	Covers	Device holders	Covers
8PQ2035-6BA26	–	–	–	–	8PQ6000-8BA33	8PQ2035-6BA26
8PQ2035-8BA16	–	–	–	–	8PQ6000-8BA40	8PQ2035-8BA20
8PQ2035-6BA26	–	–	8PQ6000-8BA33	8PQ2035-6BA26	8PQ6000-8BA33	8PQ2035-6BA26
–	8PQ6000-8BA33	8PQ2045-6BA08	–	–	–	–
8PQ2035-8BA16	–	–	8PQ6000-8BA47	8PQ2035-8BA16	8PQ6000-8BA40	8PQ2035-8BA20
–	8PQ6000-8BA47	8PQ2045-8BA08	–	–	–	–
8PQ2040-6BA26	–	–	8PQ6000-8BA36	8PQ2040-6BA26	8PQ6000-8BA36	8PQ2040-6BA26
–	8PQ6000-8BA35	8PQ2050-6BA10	–	–	–	–
8PQ2040-8BA23	–	–	8PQ6000-8BA44	8PQ2040-8BA23	8PQ6000-8BA41	8PQ2040-8BA23
–	8PQ6000-8BA43	8PQ2050-8BA12	–	–	–	–
8PQ2050-6BA11	–	–	–	–	–	–
–	–	–	8PQ6000-8BA56	8PQ2055-6BA22	–	–
8PQ2050-8BA14	–	–	–	–	–	–
–	–	–	8PQ6000-8BA60	8PQ2055-6BA15	–	–
8PQ2050-6BA11	–	–	–	–	–	–
–	–	–	8PQ6000-8BA56	8PQ2055-6BA22	–	–
8PQ2050-8BA14	–	–	–	–	–	–
–	–	–	8PQ6000-8BA60	8PQ2055-6BA15	–	–
8PQ2045-6BA11	–	–	8PQ6000-8BA38	8PQ2045-6BA11	8PQ6000-8BA38	8PQ2045-6BA11
8PQ2045-6BA13	–	–	8PQ6000-8BA38	8PQ2045-6BA13	8PQ6000-8BA38	8PQ2045-6BA13
–	8PQ6000-8BA37	8PQ2055-6BA20	–	–	–	–
–	8PQ6000-8BA37	8PQ2055-6BA21	–	–	–	–
8PQ2045-8BA11	–	–	8PQ6000-8BA51	8PQ2045-8BA11	8PQ6000-8BA42	8PQ2045-8BA11
8PQ2045-8BA15	–	–	8PQ6000-8BA51	8PQ2045-8BA15	8PQ6000-8BA42	8PQ2045-8BA15
–	8PQ6000-8BA50	8PQ2055-8BA11	–	–	–	–
–	8PQ6000-8BA50	8PQ2055-8BA13	–	–	–	–
8PQ2045-6BA11	–	–	8PQ6000-8BA38	8PQ2045-6BA11	8PQ6000-8BA38	8PQ2045-6BA11
–	–	–	8PQ6000-8BA38	8PQ2045-6BA13	–	–
–	8PQ6000-8BA37	8PQ2055-6BA20	–	–	–	–
–	–	–	8PQ6000-8BA51	8PQ2045-8BA11	8PQ6000-8BA42	8PQ2045-8BA11
8PQ2045-8BA15	–	–	8PQ6000-8BA51	8PQ2045-8BA15	–	–
–	8PQ6000-8BA50	8PQ2055-8BA11	–	–	–	–
8PQ2045-6BA11	–	–	8PQ6000-8BA38	8PQ2045-6BA11	8PQ6000-8BA38	8PQ2045-6BA11
–	–	–	8PQ6000-8BA38	8PQ2045-6BA13	–	–
–	8PQ6000-8BA37	8PQ2055-6BA20	–	–	–	–
8PQ2045-8BA11	–	–	8PQ6000-8BA51	8PQ2045-8BA11	8PQ6000-8BA42	8PQ2045-8BA11
–	–	–	8PQ6000-8BA51	8PQ2045-8BA15	–	–
–	8PQ6000-8BA50	8PQ2055-8BA11	–	–	–	–
8PQ2045-6BA12	–	–	8PQ6000-8BA56	8PQ2045-6BA12	–	–
–	8PQ6000-8BA55	8PQ2060-6BA25	–	–	–	–
8PQ2045-8BA13	–	–	8PQ6000-8BA60	8PQ2045-8BA13	–	–
–	8PQ6000-8BA58	8PQ2060-8BA07	–	–	–	–
8PQ2045-6BA12	–	–	8PQ6000-8BA56	8PQ2045-6BA12	–	–
–	8PQ6000-8BA55	8PQ2060-6BA25	–	–	–	–
8PQ2045-8BA13	–	–	8PQ6000-8BA60	8PQ2045-8BA13	–	–
–	8PQ6000-8BA58	8PQ2060-8BA07	–	–	–	–

Section expansion

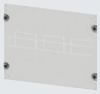
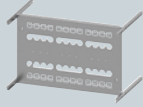
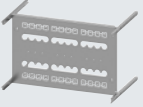
3VA molded case circuit breakers, internal cover, vertical, 4-pole



Fixed-mounted version

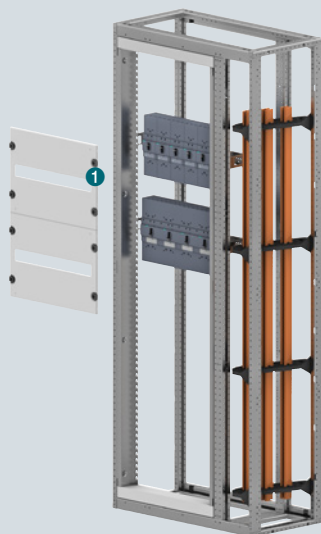


Type	I _n	No. of switching devices	Width	Height	Operating mechanism			Device holders
					Direct	Rotary	Motorized	
3VA10	100 A	4	600 mm	350 mm	■	■	–	8PQ6000-8BA34
		5	800 mm	350 mm	■	■	–	8PQ6000-8BA48
3VA11	160 A	4	600 mm	350 mm	■	■	■	8PQ6000-8BA34
				450 mm	■	■	■	–
		5	800 mm	350 mm	■	■	■	8PQ6000-8BA48
				450 mm	■	■	■	–
3VA12	250 A	3	600 mm	400 mm	■	■	■	8PQ6000-8BA35
				500 mm	■	■	■	–
		4	800 mm	400 mm	■	■	■	8PQ6000-8BA45
				500 mm	■	■	■	–
3VA13 new	400 A	2	600 mm	500 mm	■	■	■	8PQ6000-8BA64
				550 mm	■	■	■	–
				800 mm	500 mm	■	■	8PQ6000-8BA61
				550 mm	■	■	■	–
3VA14 new	630 A	2	600 mm	500 mm	■	■	■	8PQ6000-8BA64
				550 mm	■	■	■	–
				800 mm	500 mm	■	■	8PQ6000-8BA61
				550 mm	■	■	■	–
3VA20	100 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	8PQ6000-8BA37
				550 mm	■	■	–	–
		4	800 mm	450 mm	■	■	–	8PQ6000-8BA52
					–	–	■	8PQ6000-8BA52
				550 mm	■	■	–	–
3VA21	160 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	8PQ6000-8BA37
				550 mm	■	■	–	–
		4	800 mm	450 mm	■	■	–	8PQ6000-8BA52
					–	–	■	–
				550 mm	■	■	–	–
3VA22	250 A	3	600 mm	450 mm	■	■	–	8PQ6000-8BA37
					–	–	■	8PQ6000-8BA37
				550 mm	■	■	–	–
		4	800 mm	450 mm	■	■	–	8PQ6000-8BA52
					–	–	■	8PQ6000-8BA52
				550 mm	■	■	–	–
3VA23	400 A	2	600 mm	450 mm	■	■	■	8PQ6000-8BA64
				600 mm	■	■	■	–
		3	800 mm	450 mm	■	■	■	8PQ6000-8BA61
				600 mm	■	■	■	–
3VA24	630 A	2	600 mm	450 mm	■	■	■	8PQ6000-8BA64
				600 mm	■	■	■	–
		3	800 mm	450 mm	■	■	■	8PQ6000-8BA61
				600 mm	■	■	■	–

② Fixed-mounted version with RCD			③ Plug-in version	
				
Covers	Device holders	Covers	Device holders	Covers
8PQ2035-6BA27	—	—	—	—
8PQ2035-8BA17	—	—	—	—
8PQ2035-6BA27	—	—	8PQ6000-8BA34	8PQ2035-6BA27
—	8PQ6000-8BA34	8PQ2045-6BA10	—	—
8PQ2035-8BA17	—	—	8PQ6000-8BA48	8PQ2035-8BA17
—	8PQ6000-8BA48	8PQ2045-8BA10	—	—
8PQ2040-6BA26	—	—	8PQ6000-8BA36	8PQ2040-6BA26
—	8PQ6000-8BA35	8PQ2050-6BA10	—	—
8PQ2040-8BA24	—	—	8PQ6000-8BA46	8PQ2040-8BA24
—	8PQ6000-8BA45	8PQ2050-8BA13	—	—
8PQ2050-6BA12	—	—	—	—
—	—	—	8PQ6000-8BA66	8PQ2055-6BA23
8PQ2050-8BA15	—	—	—	—
—	—	—	8PQ6000-8BA63	8PQ2055-8BA16
8PQ2050-6BA12	—	—	—	—
—	—	—	8PQ6000-8BA66	8PQ2055-6BA23
8PQ2050-8BA15	—	—	—	—
—	—	—	8PQ6000-8BA63	8PQ2055-8BA15
8PQ2045-6BA11	—	—	8PQ6000-8BA38	8PQ2045-6BA11
8PQ2045-6BA13	—	—	8PQ6000-8BA38	8PQ2045-6BA13
—	8PQ6000-8BA37	8PQ2055-6BA20	—	—
—	8PQ6000-8BA37	8PQ2055-6BA21	—	—
8PQ2045-8BA12	—	—	8PQ6000-8BA53	8PQ2045-8BA12
8PQ2045-8BA16	—	—	8PQ6000-8BA53	8PQ2045-8BA16
—	8PQ6000-8BA52	8PQ2055-8BA12	—	—
—	8PQ6000-8BA52	8PQ2055-8BA14	—	—
8PQ2045-6BA11	—	—	8PQ6000-8BA38	8PQ2045-6BA11
8PQ2045-6BA13	—	—	8PQ6000-8BA38	8PQ2045-6BA13
—	8PQ6000-8BA37	8PQ2055-6BA20	—	—
—	8PQ6000-8BA37	8PQ2055-6BA21	—	—
8PQ2045-8BA12	—	—	8PQ6000-8BA53	8PQ2045-8BA12
—	—	—	8PQ6000-8BA53	8PQ2045-8BA16
—	8PQ6000-8BA52	8PQ2055-8BA12	—	—
—	8PQ6000-8BA52	8PQ2055-8BA14	—	—
8PQ2045-6BA11	—	—	8PQ6000-8BA38	8PQ2045-6BA11
8PQ2045-6BA13	—	—	8PQ6000-8BA38	8PQ2045-6BA13
—	8PQ6000-8BA37	8PQ2055-6BA20	—	—
8PQ2045-8BA12	—	—	8PQ6000-8BA53	8PQ2045-8BA12
8PQ2045-8BA16	—	—	8PQ6000-8BA53	8PQ2045-8BA16
—	8PQ6000-8BA52	8PQ2055-8BA12	—	—
8PQ2045-6BA14	—	—	8PQ6000-8BA66	8PQ2045-6BA14
—	8PQ6000-8BA65	8PQ2060-6BA26	—	—
8PQ2045-8BA14	—	—	8PQ6000-8BA63	8PQ2045-8BA14
—	8PQ6000-8BA62	8PQ2060-8BA08	—	—
8PQ2045-6BA14	—	—	8PQ6000-8BA66	8PQ2045-6BA14
—	8PQ6000-8BA65	8PQ2060-6BA26	—	—
8PQ2045-8BA14	—	—	8PQ6000-8BA63	8PQ2045-8BA14
—	8PQ6000-8BA62	8PQ2060-8BA08	—	—

Section expansion

3VA molded case circuit breakers, internal cover, vertical

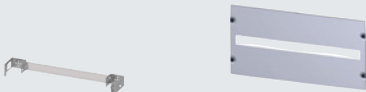


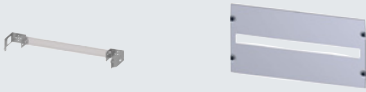
3-pole

Type	I_n	No. of switching devices	Width	Height	Operating mechanism		
					Direct	Rotary	Motorized
3VA10	100 A	5	600 mm	350 mm	■	–	–
		8	800 mm	350 mm	■	–	–
3VA11	160 A	4	600 mm	350 mm	■	–	–
		5	800 mm	350 mm	■	–	–

4-pole

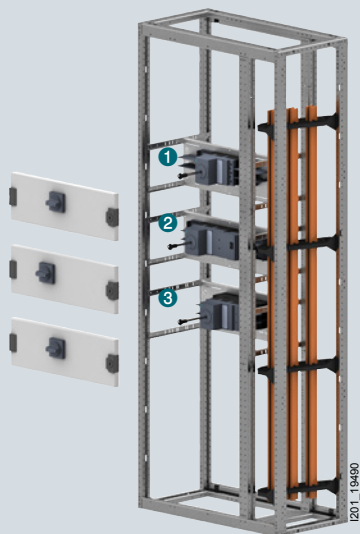
Type	I_n	No. of switching devices	Width	Height	Operating mechanism		
					Direct	Rotary	Motorized
3VA10	100 A	4	600 mm	350 mm	■	–	–
		6	800 mm	350 mm	■	–	–
3VA11	160 A	3	600 mm	350 mm	■	–	–
		4	800 mm	350 mm	■	–	–

Standard rail mounting	
	
Device holders	Covers
8PQ6000-3BA36	8PQ2035-6BA28
8PQ6000-3BA37	8PQ2035-8BA18
8PQ6000-3BA36	8PQ2035-6BA28
8PQ6000-3BA37	8PQ2035-8BA18

Standard rail mounting	
	
Device holders	Covers
8PQ6000-3BA36	8PQ2035-6BA28
8PQ6000-3BA37	8PQ2035-8BA18
8PQ6000-3BA36	8PQ2035-6BA28
8PQ6000-3BA37	8PQ2035-8BA18

Section expansion

3VA molded case circuit breakers, modular door, horizontal



3-pole

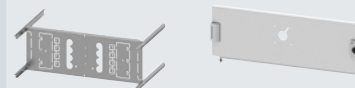
1 Fixed-mounted version



Type	I _n	Width	Height	Device holders	Modular doors
3VA10	100 A	600 mm	150 mm	8PQ6000-8BA01	8PQ2015-6BA31
		800 mm	150 mm	8PQ6000-8BA02	8PQ2015-8BA12
3VA11	160 A	600 mm	150 mm	8PQ6000-8BA01	8PQ2015-6BA31
		800 mm	150 mm	8PQ6000-8BA02	8PQ2015-8BA12
3VA12	250 A	600 mm	150 mm	8PQ6000-8BA03	8PQ2015-6BA34
3VA13 new	400 A	600 mm	200 mm	8PQ6000-8BA23	8PQ2020-6BA46
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15
3VA14 new	630 A	600 mm	200 mm	8PQ6000-8BA23	8PQ2020-6BA46
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15
3VA20	100 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA21	160 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA22	250 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA23	400 A	600 mm	200 mm	8PQ6000-8BA23	8PQ2020-6BA46
3VA24	630 A	600 mm	200 mm	8PQ6000-8BA23	8PQ2020-6BA46

4-pole

1 Fixed-mounted version



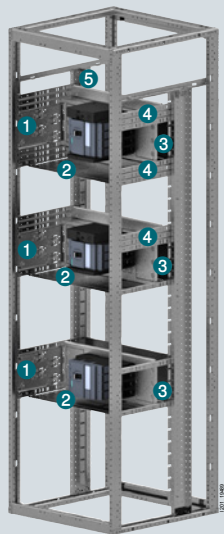
Type	I _n	Width	Height	Device holders	Modular doors
3VA10	100 A	600 mm	150 mm	8PQ6000-8BA01	8PQ2015-6BA31
		800 mm	150 mm	8PQ6000-8BA02	8PQ2015-8BA12
3VA11	160 A	600 mm	150 mm	8PQ6000-8BA01	8PQ2015-6BA31
		800 mm	150 mm	8PQ6000-8BA02	8PQ2015-8BA12
3VA12	250 A	600 mm	200 mm	8PQ6000-8BA05	8PQ2020-6BA42
		800 mm	200 mm	8PQ6000-8BA07	8PQ2020-8BA22
3VA13 new	400 A	600 mm	250 mm	8PQ6000-8BA25	8PQ2025-6BA24
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15
3VA14 new	630 A	600 mm	250 mm	8PQ6000-8BA25	8PQ2025-6BA24
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15
3VA20	100 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA21	160 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA22	250 A	600 mm	200 mm	8PQ6000-8BA08	8PQ2020-6BA44
		800 mm	200 mm	8PQ6000-8BA10	8PQ2020-8BA23
3VA23	400 A	600 mm	250 mm	8PQ6000-8BA25	8PQ2025-6BA24
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15
3VA24	630 A	600 mm	250 mm	8PQ6000-8BA25	8PQ2025-6BA24
		800 mm	250 mm	8PQ6000-8BA27	8PQ2025-8BA15

Fixed-mounted version with RCD		Plug-in version	
			
Device holders	Modular doors	Device holders	Modular doors
–	–	–	–
–	–	–	–
8PQ6000-8BA01	8PQ2015-6BA33	8PQ6000-8BA01	8PQ2015-6BA31
8PQ6000-8BA02	8PQ2015-8BA12	8PQ6000-8BA02	8PQ2015-8BA12
8PQ6000-8BA03	8PQ2015-6BA35	8PQ6000-8BA04	8PQ2015-6BA34
–	–	–	–
–	–	8PQ6001-1BA02	8PQ2025-8BA15
–	–	–	–
–	–	8PQ6001-1BA02	8PQ2025-8BA15
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
–	–	8PQ6000-8BA24	8PQ2020-6BA46
–	–	8PQ6000-8BA24	8PQ2020-6BA46

Fixed-mounted version with RCD		Plug-in version	
			
Device holders	Modular doors	Device holders	Modular doors
–	–	–	–
–	–	–	–
8PQ6000-8BA01	8PQ2015-6BA33	8PQ6000-8BA01	8PQ2015-6BA31
8PQ6000-8BA02	8PQ2015-8BA12	8PQ6000-8BA02	8PQ2015-8BA12
8PQ6000-8BA05	8PQ2020-6BA43	8PQ6000-8BA06	8PQ2020-6BA42
8PQ6000-8BA07	8PQ2020-8BA22	8PQ6000-8BA07	8PQ2020-8BA22
–	–	–	–
–	–	8PQ6001-1BA02	8PQ2025-8BA15
–	–	–	–
–	–	8PQ6001-1BA02	8PQ2025-8BA15
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
8PQ6000-8BA11	8PQ2020-6BA45	8PQ6000-8BA08	8PQ2020-6BA44
8PQ6000-8BA10	8PQ2020-8BA23	8PQ6000-8BA10	8PQ2020-8BA23
–	–	8PQ6000-8BA26	8PQ2025-6BA24
8PQ6000-8BA27	8PQ2025-8BA15	8PQ6000-8BA28	8PQ2025-8BA15
–	–	8PQ6000-8BA26	8PQ2025-6BA24
8PQ6000-8BA27	8PQ2025-8BA15	8PQ6000-8BA28	8PQ2025-8BA15

Section expansion

3VA molded case circuit breakers, internal separation – front connection



3-pole, width 600 mm

1 Cable connection

4 units

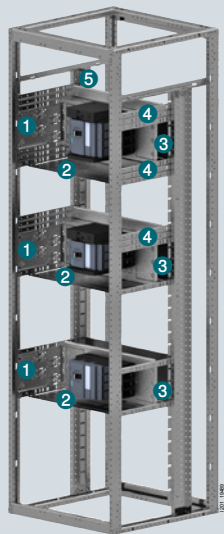


Type	I _n	Height		Operating mechanism			
				Direct	Rotary	Motorized	
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA12	250 A	150 mm	Fixed-mounted	■	■	–	8PQ6000-8BA12
				–	–	■	8PQ6000-8BA13
				■	■	–	8PQ6000-8BA13
		250 mm	Withdrawable	–	–	■	8PQ6000-8BA12
				■	–	■	8PQ6000-8BA12
				■	■	■	8PQ6000-8BA20
3VA13	new 400 A	200 mm	Fixed-mounted	■	■	■	8PQ6000-8BA20
3VA14	new 630 A	200 mm	Fixed-mounted	■	■	■	8PQ6000-8BA20
3VA20	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA30
3VA21	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA22	250 A	200 mm	Fixed-mounted	■	■	–	8PQ6000-8BA16
				–	–	■	8PQ6000-8BA17
				■	■	–	8PQ6000-8BA17
		250 mm	Withdrawable	–	–	■	8PQ6000-8BA16
				■	–	■	8PQ6000-8BA16
3VA23	400 A	200 mm	Fixed-mounted	■	■	–	8PQ6000-8BA20
				–	–	■	8PQ6000-8BA18
3VA24	630 A	200 mm	Fixed-mounted	■	■	■	8PQ6000-8BA20
				–	–	–	8PQ6000-8BA18

② Separation, horizontal	③ Separation, rear	④ Increase in module height	Horizontal separation with increase in module height
			
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA40	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	8PQ5000-4BA62	8PQ5000-4BA70
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	8PQ5000-4BA62	8PQ5000-4BA70
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	8PQ5000-4BA62	8PQ5000-4BA70
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—
8PQ5000-2BA61	8PQ5000-4BA41	—	—

Section expansion

3VA molded case circuit breakers, internal separation – front connection



3-pole, width 800 mm

1 Cable connection

4 units

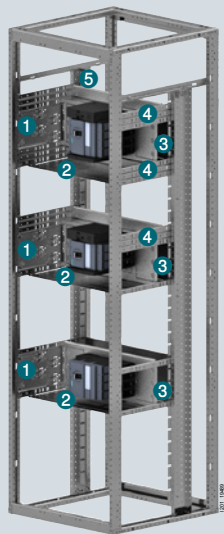


Type	I _n	Height		Operating mechanism			
				Direct	Rotary	Motorized	
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA12	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
		250 mm	Withdrawable	■	–	■	8PQ6000-8BA14
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
		250 mm	Plug-in	■	■	■	8PQ6000-8BA21
			Withdrawable	■	–	–	8PQ6000-8BA22
		250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
3VA14 new	630 A	250 mm	Plug-in	■	■	■	8PQ6000-8BA21
			Withdrawable	■	–	–	8PQ6000-8BA22
		300 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA20	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Withdrawable	■	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA21	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Withdrawable	■	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA22	250 A	200 mm	Fixed-mounted	■	■	–	8PQ6000-8BA16
				–	–	■	8PQ6000-8BA17
		250 mm	Plug-in	■	■	■	8PQ6000-8BA17
			Withdrawable	■	–	■	8PQ6000-8BA16
3VA23	400 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
		300 mm	Plug-in	■	■	■	8PQ6000-8BA21
			Withdrawable	■	–	–	8PQ6000-8BA22
3VA24	630 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
		300 mm	Plug-in	■	■	■	8PQ6000-8BA21
			Withdrawable	■	–	–	8PQ6000-8BA22

② Separation, horizontal	③ Separation, rear	④ Increase in module height
		
8PQ5000-2BA62	–	–
8PQ5000-2BA62	–	–
8PQ5000-2BA62	–	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	8PQ5000-4BA61 + 8PQ5000-4BA71
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	8PQ5000-4BA72 + 8PQ5000-4BA63
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	8PQ5000-4BA72 + 8PQ5000-4BA63
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	8PQ5000-4BA63 + 8PQ5000-4BA72
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	8PQ5000-4BA63 + 8PQ5000-4BA72
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	–
8PQ5000-2BA62	8PQ5000-4BA48	8PQ5000-4BA63 + 8PQ5000-4BA72
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	8PQ5000-4BA63 + 8PQ5000-4BA72
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	–
8PQ5000-2BA62	8PQ5000-4BA50	8PQ5000-4BA63 + 8PQ5000-4BA72

Section expansion

3VA molded case circuit breakers, internal separation – front connection



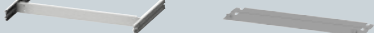
4-pole, width 600 mm

1 Cable connection

4 units

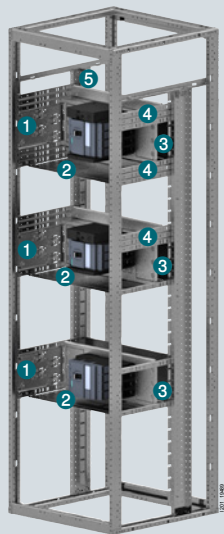


Type	I _n	Height		Operating mechanism			Terminals
				Direct	Rotary	Motorized	
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
			Plug-in	■	■	■	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA12	250 A	200 mm	Fixed-mounted	■	■	–	8PQ6000-8BA14
				–	–	■	8PQ6000-8BA15
			Plug-in	■	■	–	8PQ6000-8BA15
		300 mm		–	–	■	8PQ6000-8BA14
			Withdrawable	■	–	■	8PQ6000-8BA14
				–	–	■	8PQ6000-8BA21
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
3VA14 new	630 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
3VA20	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
		300 mm		–	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Withdrawable	■	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA21	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
		300 mm		–	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
			Withdrawable	■	–	■	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA22	250 A	200 mm	Fixed-mounted	■	■	–	8PQ6000-8BA16
				–	–	■	8PQ6000-8BA17
			Plug-in	■	■	–	8PQ6000-8BA17
		200 mm		–	–	■	8PQ6000-8BA17
			Withdrawable	■	–	■	8PQ6000-8BA17
3VA23	400 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21
			Plug-in	■	■	■	8PQ6000-8BA21
3VA24	630 A	250 mm	Fixed-mounted	■	■	–	8PQ6000-8BA22
				–	–	■	8PQ6000-8BA21

	② Separation, horizontal	③ Separation, rear	④ Increase in module height
			
4th pole			
	8PQ5000-2BA61	8PQ5000-4BA40	–
	8PQ5000-2BA61	8PQ5000-4BA40	–
	8PQ5000-2BA61	8PQ5000-4BA40	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	2x 8PQ5000-4BA60 + 2x 8PQ5000-4BA68
	8PQ6000-2BA61	8PQ5000-4BA42	–
	8PQ6000-2BA61	8PQ5000-4BA42	–
	8PQ6000-2BA61	8PQ5000-4BA42	–
	8PQ6000-2BA61	8PQ5000-4BA42	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	–
	8PQ5000-2BA61	8PQ5000-4BA41	2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70
+ 8PQ5000-4BA58	8PQ5000-2BA61	8PQ5000-4BA41	–
+ 8PQ5000-4BA58	8PQ5000-2BA61	8PQ5000-4BA41	–
+ 8PQ5000-4BA58	8PQ5000-2BA61	8PQ5000-4BA41	–
+ 8PQ5000-4BA58	8PQ5000-2BA61	8PQ5000-4BA41	–
+ 8PQ5000-4BA58	8PQ5000-2BA61	8PQ5000-4BA41	2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70
	8PQ5000-2BA61	8PQ5000-4BA42	–
	8PQ5000-2BA61	8PQ5000-4BA42	–
	8PQ5000-2BA61	8PQ5000-4BA42	–
	8PQ5000-2BA61	8PQ5000-4BA42	–
	8PQ5000-2BA61	8PQ5000-4BA42	–

Section expansion

3VA molded case circuit breakers, internal separation – front connection



4-pole, width 800 mm

1 Cable connection

4 units



Type	I _n	Height	Operating mechanism	Direct		Rotary	Motorized	Terminals
				■	■			
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	–	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	–	8PQ5000-2BA28 + 8PQ5000-0BA05
			Plug-in	■	■	■	–	8PQ5000-2BA28 + 8PQ5000-0BA05
3VA12	250 A	200 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA14
			–	–	–	■	–	8PQ6000-8BA15
			Plug-in	■	■	–	–	8PQ6000-8BA15
		300 mm	–	–	–	■	–	8PQ6000-8BA14
			Withdrawable	■	–	■	–	8PQ6000-8BA14
			Plug-in	■	–	–	–	8PQ6000-8BA22
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA21
			–	–	–	■	–	8PQ6000-8BA21
		300 mm	Plug-in	■	■	■	–	8PQ6000-8BA21
3VA14 new	630 A	250 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA22
			–	–	–	■	–	8PQ6000-8BA21
		300 mm	Plug-in	■	■	■	–	8PQ6000-8BA21
			Withdrawable	■	–	–	–	8PQ6000-8BA22
3VA20	250 A	200 mm	Fixed-mounted	■	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
		300 mm	Withdrawable	■	–	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA21	250 A	200 mm	Fixed-mounted	■	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
			Plug-in	■	■	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
		250 mm	Withdrawable	■	–	■	–	8PQ5000-2BA30 + 8PQ5000-0BA05
3VA22	250 A	200 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA16
			–	–	–	■	–	8PQ6000-8BA17
			Plug-in	■	■	–	–	8PQ6000-8BA17
		250 mm	–	–	–	■	–	8PQ6000-8BA16
3VA23	400 A	250 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA22
			–	–	–	■	–	8PQ6000-8BA21
		300 mm	Plug-in	■	■	■	–	8PQ6000-8BA21
3VA24	630 A	250 mm	Fixed-mounted	■	■	–	–	8PQ6000-8BA22
			–	–	–	■	–	8PQ6000-8BA21

	② Separation, horizontal	③ Separation, rear	④ Increase in module height
			
4th pole			
	8PQ5000-2BA62	–	–
	8PQ5000-2BA62	–	–
	8PQ5000-2BA62	–	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	2x 8PQ5000-4BA61 + 2x 8PQ5000-4BA71
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA72	8PQ5000-4BA63 + 8PQ5000-4BA72
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	8PQ5000-4BA63 + 8PQ5000-4BA72
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	–
	8PQ5000-2BA62	8PQ5000-4BA48	2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72
+ 8PQ5000-4BA58	8PQ5000-2BA62	8PQ5000-4BA48	–
+ 8PQ5000-4BA58	8PQ5000-2BA62	8PQ5000-4BA48	–
+ 8PQ5000-4BA58	8PQ5000-2BA62	8PQ5000-4BA48	–
+ 8PQ5000-4BA58	8PQ5000-2BA62	8PQ5000-4BA48	–
+ 8PQ5000-4BA58	8PQ5000-2BA62	8PQ5000-4BA48	2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–
	8PQ5000-2BA62	8PQ5000-4BA50	–

Section expansion

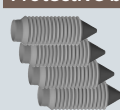
3VA molded case circuit breakers, internal separation – front connection

Accessories

Plug-in rails

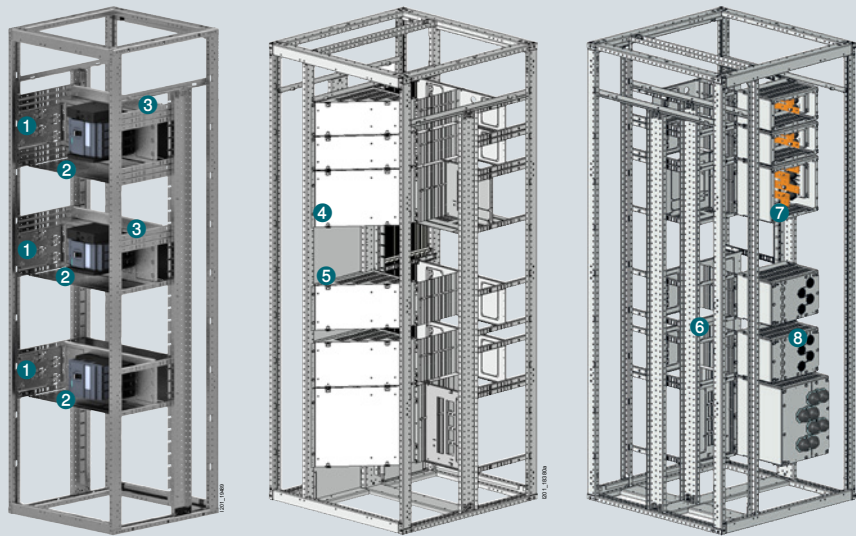
	Equipment height	Busbar system	Article No.
	1600 mm	Top	8PQ3000-0BA82
	1800 mm	Rear or without	8PQ3000-0BA83

Protective bellows

	Version	Scope of supply	Article No.
	For connecting terminal	4 units	8PQ9400-0BA71

Section expansion

3VA molded case circuit breakers, internal separation – rear connection

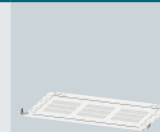


3-pole, width 600 mm

① Side

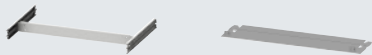


② Horizontal



Type	I _n	Height	Operating mechanism				8PQ5000-2BA28	8PQ5000-2BA61
				Direct	Rotary	Motorized		
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28	8PQ5000-2BA61
3VA11	160 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28	8PQ5000-2BA61
			Plug-in	■	–	–	8PQ5000-2BA28	8PQ5000-2BA61
3VA12	250 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA28	8PQ5000-2BA61
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA28	8PQ5000-2BA61
3VA13 new	400 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA31	8PQ5000-2BA61
3VA14 new	630 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA31	8PQ5000-2BA61
3VA20	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA21	160 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA22	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		250 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA23	400 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA31	8PQ5000-2BA61
3VA24	630 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA31	8PQ5000-2BA61

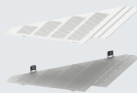
③ Increase in module height



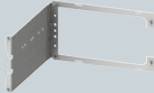
④ Vertical busbar connection



⑤ Segment covers



⑥ Support plates



⑦ Connection compartments



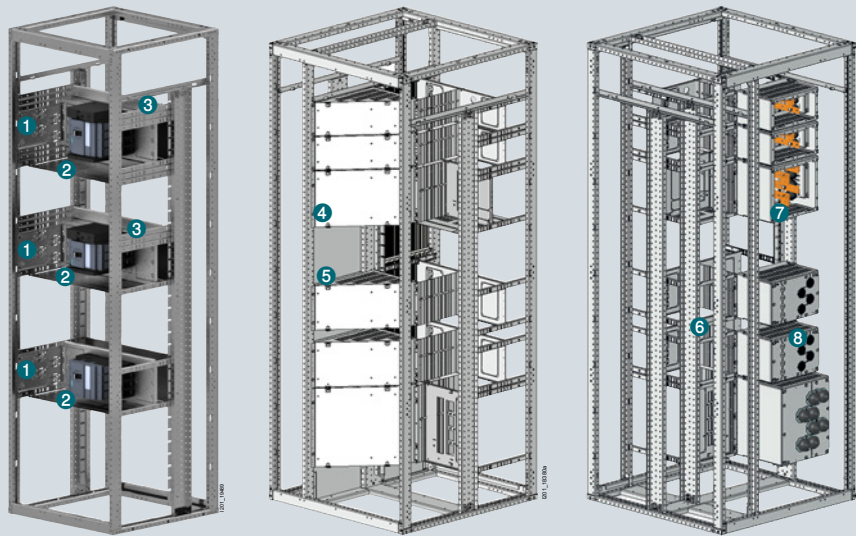
⑧ Cover plates



③ Increase in module height	④ Vertical busbar connection	⑤ Segment covers	⑥ Support plates	⑦ Connection compartments	⑧ Cover plates
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA15	8PQ5000-3BA71
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA15	8PQ5000-3BA71
2× 8PQ5000-4BA60 + 2× 8PQ5000-4BA68	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA15	8PQ5000-3BA71
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA18	8PQ5000-3BA73
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA18	8PQ5000-3BA73
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
8PQ5000-4BA62 + 8PQ5000-4BA70	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
8PQ5000-4BA62 + 8PQ5000-4BA70	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-8BA30	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-8BA30	8PQ5000-3BA72
8PQ5000-4BA62 + 8PQ5000-4BA70	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-8BA30	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA18	8PQ5000-3BA73
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA18	8PQ5000-3BA73

Section expansion

3VA molded case circuit breakers, internal separation – rear connection

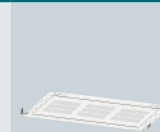


4-pole, width 600 mm

① Side

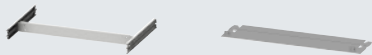


② Horizontal



Type	I _n	Height	Operating mechanism				8PQ5000-2BA28	8PQ5000-2BA61
				Direct	Rotary	Motorized		
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28	8PQ5000-2BA61
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28	8PQ5000-2BA61
			Plug-in	■	■	–	8PQ5000-2BA28	8PQ5000-2BA61
3VA12	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		300 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA61
3VA14 new	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA61
3VA20	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		300 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA21	160 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		300 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA22	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA61
		300 mm	Withdrawable	■	–	■	8PQ5000-2BA30	8PQ5000-2BA61
3VA23	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA61
3VA24	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA61

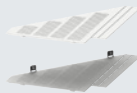
③ Increase in module height



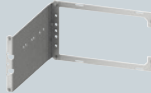
④ Vertical busbar connection



⑤ Segment covers



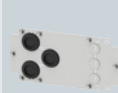
⑥ Support plates



⑦ Connection compartments



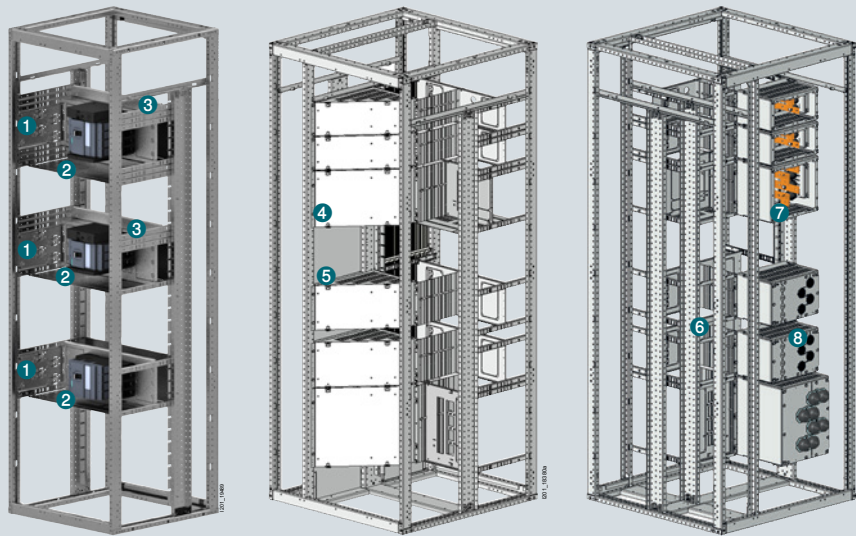
⑧ Cover plates



–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA52	8PQ5000-3BA63	8PQ5000-4BA73	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
2x 8PQ5000-4BA60 + 2x 8PQ5000-4BA68	8PQ5000-3BA55	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA75	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA75	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70	8PQ5000-3BA55	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70	8PQ5000-3BA55	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA53	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
2x 8PQ5000-4BA62 + 2x 8PQ5000-4BA70	8PQ5000-3BA55	8PQ5000-3BA63	8PQ5000-4BA74	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA75	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA54	8PQ5000-3BA63	8PQ5000-4BA75	8PQ6000-5BA20	8PQ5000-3BA74

Section expansion

3VA molded case circuit breakers, internal separation – rear connection



3-pole, width 800 mm

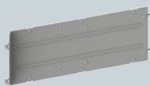
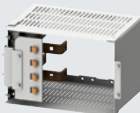
1 Side



2 Horizontal

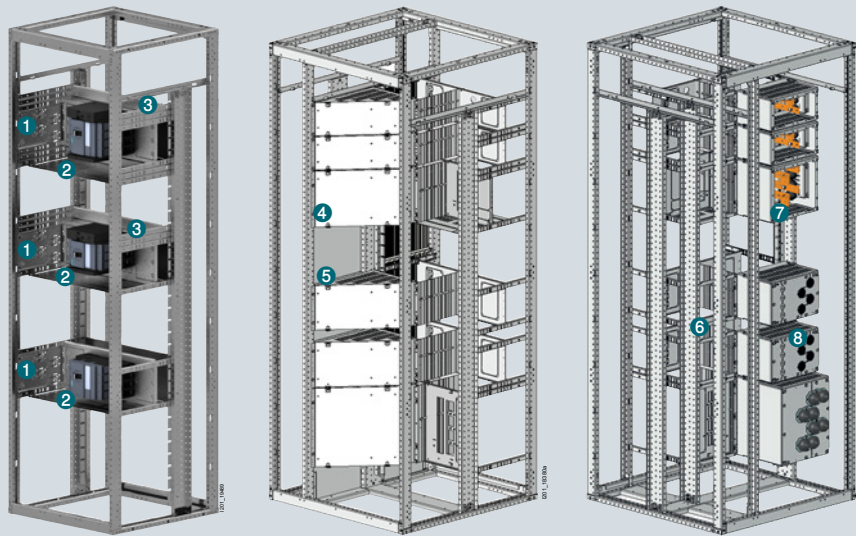


Type	I _n	Height		Operating mechanism				
				Direct	Rotary	Motorized		
3VA10	100 A	150 mm	Fixed-mounted	■	–	–	8PQ5000-2BA28	8PQ5000-2BA62
3VA11	160 A	150 mm	Fixed-mounted	■	–	–	8PQ5000-2BA28	8PQ5000-2BA62
			Plug-in	■	–	–	8PQ5000-2BA28	8PQ5000-2BA62
3VA12	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		250 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA14 new	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA20	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		250 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA21	160 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		250 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA22	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		250 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA23	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA24	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62

③ Increase in module height	④ Vertical busbar connection	⑤ Segment covers	⑥ Support plates	⑦ Connection compartments	⑧ Cover plates
					
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
8PQ5000-4BA61 + 8PQ5000-4BA71	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-8BA30	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-8BA30	8PQ5000-3BA72
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-8BA30	8PQ5000-3BA72
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74

Section expansion

3VA molded case circuit breakers, internal separation – rear connection



4-pole, width 800 mm

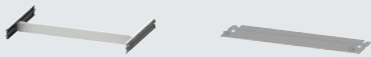
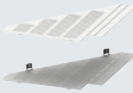
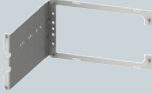
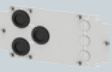
1 Side



2 Horizontal



Type	I _n	Height		Operating mechanism				
				Direct	Rotary	Motorized		
3VA10	100 A	150 mm	Fixed-mounted	■	■	–	8PQ5000-2BA28	8PQ5000-2BA62
3VA11	160 A	150 mm	Fixed-mounted	■	■	■	8PQ5000-2BA28	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA28	8PQ5000-2BA62
3VA12	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA13 new	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA14 new	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA20	100 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA21	160 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA22	250 A	200 mm	Fixed-mounted	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA30	8PQ5000-2BA62
		300 mm	Withdrawable	■	–	–	8PQ5000-2BA30	8PQ5000-2BA62
3VA23	400 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
		350 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62
3VA24	630 A	250 mm	Fixed-mounted	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
			Plug-in	■	■	■	8PQ5000-2BA33	8PQ5000-2BA62
		350 mm	Withdrawable	■	–	–	8PQ5000-2BA33	8PQ5000-2BA62

③ Increase in module height	④ Vertical busbar connection	⑤ Segment covers	⑥ Support plates	⑦ Connection compartments	⑧ Cover plates
					
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA57	8PQ5000-3BA64	8PQ5000-4BA76	8PQ6000-5BA13	8PQ5000-4BA80
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
2x 8PQ5000-4BA61 + 2x 8PQ5000-4BA71	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
8PQ5000-4BA63 + 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA14	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72	8PQ5000-3BA58	8PQ5000-3BA64	8PQ5000-4BA77	8PQ6000-5BA17	8PQ5000-3BA72
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
–	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74
2x 8PQ5000-4BA63 + 2x 8PQ5000-4BA72	8PQ5000-3BA60	8PQ5000-3BA64	8PQ5000-4BA78	8PQ6000-5BA20	8PQ5000-3BA74

Section expansion

3VA molded case circuit breakers, internal separation – rear connection

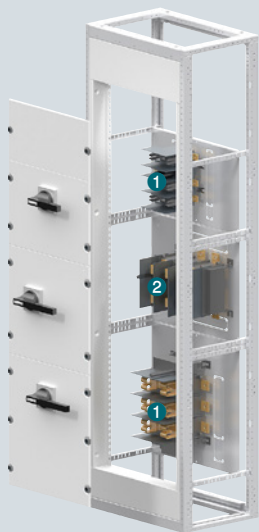
Accessories

⑤ Plug-in rails

	Equipment height	Busbar system	Article No.
	1600 mm	Top	8PQ3000-0BA82
	1800 mm	Rear or without	8PQ3000-0BA83

Section expansion

3K switch disconnectors

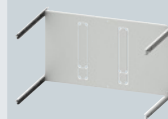


1 Horizontal

3-pole



4-pole

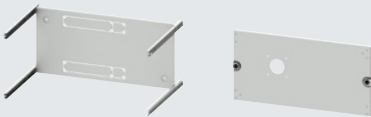


Switching devices	Width	Height	Device holders	Covers	Device holders	Covers
3KL50/3KL52	600 mm	250 mm	–	–	–	–
		300 mm	8PQ6000-2BA65	8PQ2030-6BA06	8PQ6000-2BA65	8PQ2030-6BA06
3KL55/3KL57	600 mm	350 mm	8PQ6000-2BA71	8PQ2035-6BA08	8PQ6000-2BA71	8PQ2035-6BA08
3KL61	600 mm	450 mm	–	–	–	–
		550 mm	8PQ6000-2BA50	8PQ2055-6BA02	8PQ6000-2BA50	8PQ2055-6BA02
3KL711/3KA711	600 mm	200 mm	8PQ6000-2BA52	8PQ2020-6BA10	8PQ6000-2BA52	8PQ2020-6BA10
	800 mm	200 mm	–	–	–	–
3KL712/3KA712	600 mm	250 mm	8PQ6000-2BA55	8PQ2025-6BA03	8PQ6000-2BA55	8PQ2025-6BA03
	800 mm	250 mm	–	–	–	–
3KL713/3KA713	600 mm	300 mm	8PQ6000-2BA58	8PQ2030-6BA04	8PQ6000-2BA58	8PQ2030-6BA04
	800 mm	300 mm	–	–	–	–
3KL714/3KA714	600 mm	350 mm	8PQ6000-2BA62	8PQ2035-6BA06	8PQ6000-2BA62	8PQ2035-6BA06
	800 mm	350 mm	–	–	–	–
3KL715/3KA715 ¹⁾	600 mm	450 mm	8PQ6000-2BA67	8PQ2045-6BA02	8PQ6000-2BA67	8PQ2045-6BA02
	800 mm	450 mm	–	–	–	–

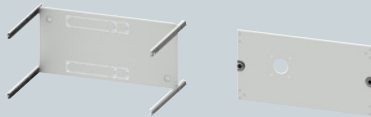
¹⁾ Due to the size of its handle, the 3KA715 disconnector can be used only up to 1250 A/35 kA when installed horizontally.
Due to the size of its handle, the 1250 A/50 kA 3KA715 disconnector requires an additional 200 mm cover.

Vertical

3-pole



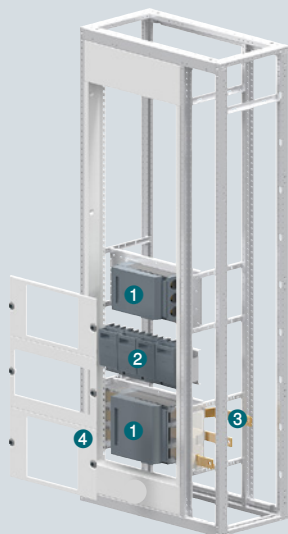
4-pole



Device holders	Covers	Device holders	Covers
8PQ6000-2BA66	8PQ2025-6BA05	8PQ6000-2BA66	8PQ2025-6BA05
—	—	—	—
8PQ6000-2BA72	8PQ2035-6BA10	8PQ6000-2BA72	8PQ2035-6BA10
8PQ6000-2BA51	8PQ2045-6BA01	—	—
—	—	—	—
8PQ6000-2BA53	8PQ2020-6BA11	8PQ6000-2BA53	8PQ2020-6BA11
8PQ6000-2BA54	8PQ2020-8BA04	8PQ6000-2BA54	8PQ2020-8BA04
8PQ6000-2BA56	8PQ2025-6BA04	8PQ6000-2BA56	8PQ2025-6BA04
8PQ6000-2BA57	8PQ2025-8BA02	8PQ6000-2BA57	8PQ2025-8BA02
8PQ6000-2BA60	8PQ2030-6BA05	8PQ6000-2BA60	8PQ2030-6BA05
8PQ6000-2BA61	8PQ2030-8BA02	8PQ6000-2BA61	8PQ2030-8BA02
8PQ6000-2BA63	8PQ2035-6BA07	8PQ6000-2BA63	8PQ2035-6BA07
8PQ6000-2BA64	8PQ2035-8BA04	8PQ6000-2BA64	8PQ2035-8BA04
8PQ6000-2BA68	8PQ2045-6BA03	8PQ6000-2BA68	8PQ2045-6BA03
8PQ6000-2BA70	8PQ2045-8BA01	8PQ6000-2BA70	8PQ2045-8BA01

Section expansion

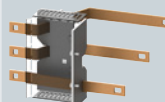
3NP1 fuse switch disconnectors, 3-pole



1 Horizontal



2 Section busbars



3 Cable connection



Switching devices	Width	Device holders	Covers		Form 3
3NP1143	600 mm	8PQ6000-3BA75	8PQ2025-6BA16	8PQ6000-5BA68	8PQ6000-5BA72
3NP1153	600 mm	8PQ6000-3BA75	8PQ2025-6BA17	8PQ6000-5BA70	8PQ6000-5BA73
3NP1163	600 mm	8PQ6000-3BA77	8PQ2030-6BA22	8PQ6000-5BA71	8PQ6000-5BA74

2 Vertical



Switching device	Width	No. of switching devices	Device holders	Covers
3NP1123	600 mm	4	8PQ6000-3BA78	8PQ2025-6BA18
	800 mm	6	8PQ6000-3BA82	8PQ2025-8BA10
3NP1133	600 mm	4	8PQ6000-3BA78	8PQ2030-6BA23
	800 mm	5	8PQ6000-3BA82	8PQ2030-8BA11

Section expansion

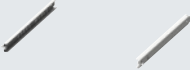
3NJ4 fuse switch disconnectors, 3-pole



			Device holders	Busbar holders	Covers
					
Size	Width	No. of switching devices			
Sizes 1, 2, 3	600 mm	4 × 100 mm	8PQ6000-2BA48	2 × 3NJ5974-0AB	8PQ2000-6BA06
	800 mm	6 × 100 mm	8PQ6000-2BA48	2 × 3NJ5974-0AB	8PQ2000-8BA06

Accessories

Blanking covers			
	Size	Width	Article No.
	Size 00	50 mm	3NJ4912-2AA00
	Sizes 1, 2, 3	100 mm	3NJ4912-2BA00

Modular doors	Separation, form 3b	Separation, horizontal	Support rails
			
8PQ2080-6BA10 8PQ2080-8BA05	8PQ5000-1BA70 8PQ5000-1BA71	8PQ5000-2BA61 8PQ5000-2BA62	8PQ5000-2BA63 8PQ5000-2BA63

Section expansion

3NJ6 switch disconnectors with fuses 3 and 4-pole



Technical specifications, distribution busbar

Cross-section	Rated operational current I_n , ventilated						
	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
60 × 10 mm	1680 A	1640 A	1600 A	1560 A	1520 A	1480 A	1430 A
80 × 10 mm	2260 A	2210 A	2155 A	2100 A	2045 A	1985 A	1925 A

Frame

				Main busbar at top	
		① Frame	② Exterior intermediate uprights	③ Bottom plate partition crossbars	④ Uprights
					
Width	Depth				
600 + 400 mm	400 mm	8PQ1201-4BA02	8PQ3000-1BA43	1× 8PQ3000-1BA38	8PQ3000-0BA65
	600 mm	8PQ1201-6BA02	8PQ3000-1BA43	1× 8PQ3000-1BA40	8PQ3000-0BA01
	800 mm	8PQ1201-8BA03	8PQ3000-1BA43	2× 8PQ3000-1BA38	8PQ3000-0BA02
600 + 600 mm	400 mm	8PQ1202-4BA02	8PQ3000-1BA43	1× 8PQ3000-1BA38	8PQ3000-0BA65
	600 mm	8PQ1202-6BA02	8PQ3000-1BA43	1× 8PQ3000-1BA40	8PQ3000-0BA01
	800 mm	8PQ1202-8BA02	8PQ3000-1BA43	2× 8PQ3000-1BA38	8PQ3000-0BA02

Device compartment

⑤ Head compartment covers

	Height	Article No.
	225 mm	8PQ2022-6BA01

⑥ 3NJ6 assembly kit

	Height	Width	Article No.
	1600 mm	600 mm	8PQ3000-1BA48

Busbar cover		
	Height	Article No.
	200 mm	8x 3NJ6916-4EA00

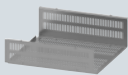
7 Device compartments		
	Height	Article No.
	200 mm	8PQ3000-1BA50
	400 mm	8PQ3000-1BA51

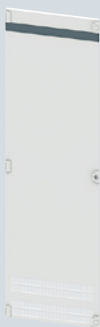
10 Blanking covers		
	Height	Article No.
	50 mm	3NJ6900-4CB00

Form 2b separation				
	Position of main busbar	Width	Depth	Article No.
	Top, front	600 mm	400 mm	8PQ3000-1BA44
			600 mm	8PQ3000-1BA45
			800 mm	8PQ3000-1BA46
	Top, both sides	600 mm	800 mm	8PQ3000-1BA47

6 Base compartment covers		
	Height	Article No.
	150 mm	8PQ2000-6BA07

Cable compartment

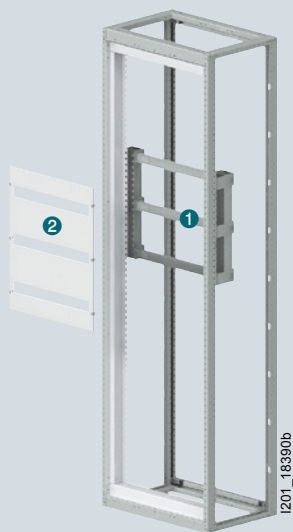
Form 2b separation				
	Position of main busbar	Width	Depth	Article No.
	Top, front	400 mm	400 mm	8PQ3000-0BA67
			600 mm	8PQ3000-0BA52
			800 mm	8PQ3000-0BA55
		600 mm	400 mm	8PQ3000-0BA68
			600 mm	8PQ3000-0BA53
			800 mm	8PQ3000-0BA56
	Top, both sides	400 mm	800 mm	8PQ3000-0BA58
		600 mm	800 mm	8PQ3000-0BA60
	Front, rear	600 mm	800 mm	8PQ3000-0BA60

8 Section doors				
	Lock type	Hinge position	Width	Article No.
	Double-bit	Left	400 mm	8PQ2197-4BA08
			600 mm	8PQ2197-6BA06
		Right	400 mm	8PQ2197-4BA11
			600 mm	8PQ2197-6BA13
	Profile semicylinders	Left	400 mm	8PQ2197-4BA06
			600 mm	8PQ2197-6BA04
		Right	400 mm	8PQ2197-4BA07
			600 mm	8PQ2197-6BA05

Terminal covers, form 4b		
	Version	Article No.
	Size 00	3NJ6923-1DA00
	Size 1	3NJ6933-1DA01
	Size 2	3NJ6943-1DA00
	4th pole for all sizes	3NJ6904-1DA00

Section expansion

Modular installation devices



Internal covers

① Device holders



② Covers



Width	MW	Tier spacing	Height		
600 mm	1× 24	150 mm	150 mm	1× 8PQ6000-3BA36	8PQ2015-6BA07
		200 mm	200 mm	1× 8PQ6000-3BA36	8PQ2020-6BA12
800 mm	1× 35	150 mm	150 mm	1× 8PQ6000-3BA37	8PQ2015-8BA03
		200 mm	200 mm	1× 8PQ6000-3BA37	8PQ2020-8BA05

① Device holders



② Covers



Width	MW	Tier spacing	Height		
600 mm	2× 24	150 mm	300 mm	2× 8PQ6000-3BA36	8PQ2030-6BA07
		200 mm	400 mm	2× 8PQ6000-3BA36	8PQ2040-6BA10
800 mm	2× 35	150 mm	300 mm	2× 8PQ6000-3BA37	8PQ2030-8BA03
		200 mm	400 mm	2× 8PQ6000-3BA37	8PQ2040-8BA10

① Device holders



② Covers



Width	MW	Tier spacing	Height		
600 mm	3× 24	150 mm	450 mm	3× 8PQ6000-3BA36	8PQ2045-6BA04
		200 mm	600 mm	3× 8PQ6000-3BA36	8PQ2060-6BA04
800 mm	3× 35	150 mm	450 mm	3× 8PQ6000-3BA37	8PQ2045-8BA02
		200 mm	600 mm	3× 8PQ6000-3BA37	8PQ2060-8BA02

Modular doors

① Device holders



② Covers



Width	MW	Tier spacing	Height		
600 mm	1× 24	200 mm	200 mm	1× 8PQ6000-6BA52	8PQ2020-6BA28
800 mm	1× 35	200 mm	200 mm	1× 8PQ6000-6BA53	8PQ2020-8BA14

Accessories

Cable duct fastening



Version

Article No.

Mounting brackets

8PQ6000-0BA16

Blanking strips



Versions

Article No.

For 12 MW

8GK9910-0KK00

Length 1 m, to cut to length

8GK9910-0KK01

Section expansion

Cable section



1 PE bars



Version	Scope of supply	Article No.
Busbar supports	5 units	8PQ4000-2BA23

2 N/PEN connection



Version	Article No.
Busbar supports and connection terminals	8PQ4000-2BA22

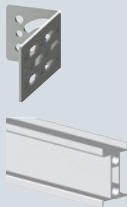
3 Cable fixtures



Version	Scope of supply	Article No.
Holders	10 units	8PQ3000-0BA73

Version	Width	Depth	Scope of supply	Article No.
C profile (30 mm)	350 mm	–	5 units	8PQ3000-0BA38
	400 mm	–	5 units	8PQ3000-0BA41
	600 mm	–	5 units	8PQ3000-0BA42
	800 mm	–	5 units	8PQ3000-0BA43
	–	400 mm	5 units	8PQ3000-0BA38
	–	600 mm	5 units	8PQ3000-0BA38
	–	800 mm	5 units	8PQ3000-0BA38

4 DIN rail outgoing terminals

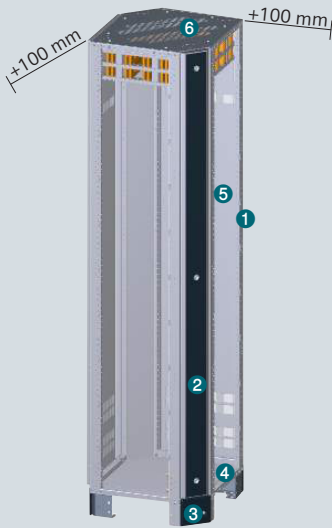


Version	Scope of supply	Article No.
Universal brackets	10 units	8PQ9400-0BA01

Length	DIN rail	Article No.
1600 mm	35 mm	8PQ9600-0BA01

Section expansion

Corner sections



Main busbar at bottom

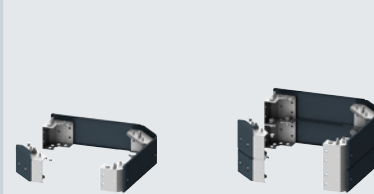
1 Frames



2 Conversion kits



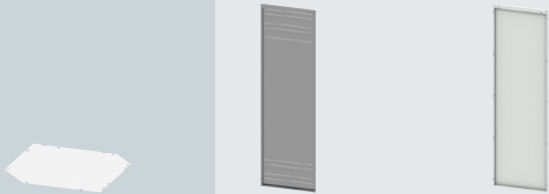
3 Base corner pieces



4 Base plates



Depth			Height		IP20
			100 mm	200 mm	
400 mm	8PQ1204-4BA01	8PQ1200-0BA03	8PQ1010-0BA04	8PQ1024-4BA01	8PQ2300-4BA25
600 mm	8PQ1206-6BA01	8PQ1200-0BA03	8PQ1010-0BA05	8PQ1026-6BA01	8PQ2300-6BA27
800 mm	8PQ1208-8BA01	8PQ1200-0BA03	8PQ1018-8BA01	8PQ1028-8BA01	8PQ2300-8BA14

Main busbar at top					
Rear panels			Top plates		
					
IP55	IP40	IP55	IP40	IP55	IPX1
8PQ2304-4BA12	2× 8PQ2420-4BA02	2× 8PQ2420-4BA01	8PQ2304-4BA10	8PQ2304-4BA08	8PQ2304-4BA11
8PQ2306-6BA12	2× 8PQ2420-6BA02	2× 8PQ2420-6BA01	8PQ2306-6BA10	8PQ2306-6BA08	8PQ2306-6BA11
8PQ2308-8BA08	2× 8PQ2420-8BA02	2× 8PQ2420-8BA01	8PQ2308-8BA06	8PQ2308-8BA05	8PQ2308-8BA07

Section expansion

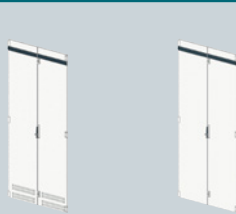
Mounting plates



❶ Double section doors –
with double-bit lock



❶ Double section doors –
for profile semicylinders



❷ Inner doors



Inner door struts

Height 700 mm



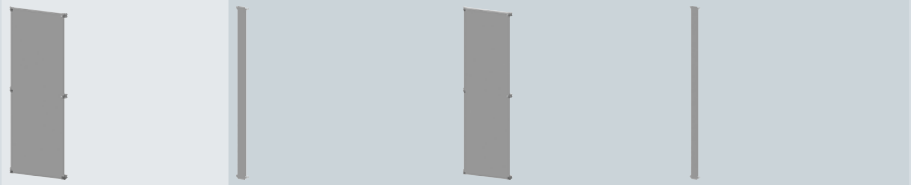
Width	IP40	IP55	IP40	IP55		
600 mm	–	–	–	–	8PQ2000-6BA05	2× 8PQ2080-0BA07
800 mm	–	–	–	–	8PQ2000-8BA05	2× 8PQ2080-0BA07
1000 mm (600 mm + 400 mm)	8PQ2197-1BA14	8PQ2197-1BA13	8PQ2197-1BA16	8PQ2197-1BA15	8PQ2000-1BA01	2× 8PQ2080-0BA07
1200 mm (600 mm + 600 mm)	8PQ2197-2BA11	8PQ2197-2BA10	8PQ2197-2BA13	8PQ2197-2BA12	–	–

Main busbar at top: Height 1650 mm

ohne Hauptsammelschiene: Height 1900 mm

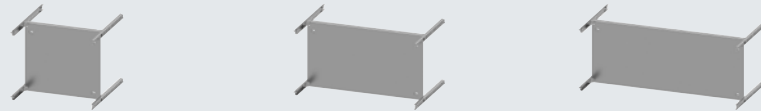
③ Mounting plates

④ Connecting panels



Width				
400 mm	8PQ3000-0BA33	8PQ3000-1BA10	8PQ3000-0BA32	8PQ3000-1BA08
600 mm	8PQ3000-0BA35	8PQ3000-1BA10	8PQ3000-0BA34	8PQ3000-1BA08
800 mm	8PQ3000-0BA37	8PQ3000-1BA10	8PQ3000-0BA36	8PQ3000-1BA08
1000 mm	8PQ3000-1BA06	8PQ3000-1BA10	8PQ3000-1BA04	8PQ3000-1BA08
1200 mm	8PQ3000-1BA07	8PQ3000-1BA10	8PQ3000-1BA05	8PQ3000-1BA08

Modular mounting plates

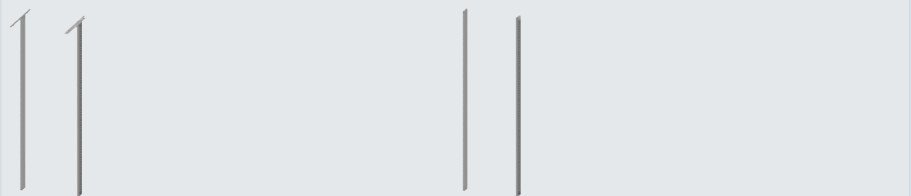


Height	Width		
	400 mm	600 mm	800 mm
150 mm	8PQ3000-2BA60	8PQ3000-2BA62	8PQ3000-2BA64
200 mm	8PQ3000-2BA17	8PQ3000-1BA56	8PQ3000-1BA58
300 mm	8PQ3000-2BA66	8PQ3000-2BA51	8PQ3000-2BA53
400 mm	8PQ3000-2BA18	8PQ3000-1BA61	8PQ3000-1BA63
550 mm	–	8PQ3000-3BA07	8PQ3000-3BA08
600 mm	8PQ3000-2BA21	8PQ3000-1BA65	8PQ3000-1BA67
800 mm	8PQ3000-2BA23	8PQ3000-1BA26	8PQ3000-1BA28

Main busbar at top: Height 1650 mm

ohne Hauptsammelschiene: Height 1900 mm

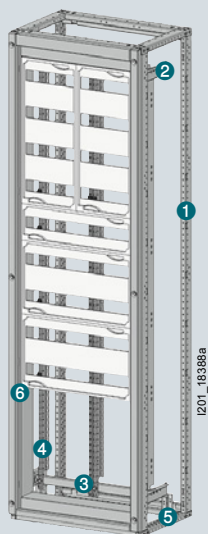
⑤ Uprights



Depth		
600 mm	8PQ3000-0BA01	8PQ3000-0BA03
800 mm	8PQ3000-0BA02	8PQ3000-0BA03

Section expansion

ALPHA 8GK DIN sections, frame



Main busbar at top: Equipment height 1650 mm

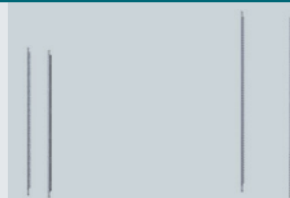
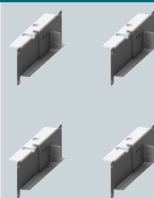
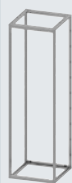
Main busbar at bottom: Equipment height 1800 mm

① Frames

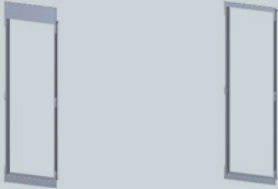
② Adapters

③ Crossbars

④ Longitudinal stays



Width	Depth					
350 mm	400 mm	8PQ1200-4BA15	8PQ3000-1BA74	8PQ3000-1BA76	8PQ3000-2BA88	8PQ3000-1BA82
	600 mm	8PQ1200-6BA14	8PQ3000-1BA74	8PQ3000-1BA76	8PQ3000-2BA88	8PQ3000-1BA82
	800 mm	8PQ1200-8BA01	8PQ3000-1BA74	8PQ3000-1BA76	8PQ3000-2BA88	8PQ3000-1BA82
600 mm	400 mm	8PQ1206-4BA01	8PQ3000-1BA74	8PQ3000-1BA78	8PQ3000-2BA88	8PQ3000-1BA82
	600 mm	8PQ1206-6BA01	8PQ3000-1BA74	8PQ3000-1BA78	8PQ3000-2BA88	8PQ3000-1BA82
	800 mm	8PQ1206-8BA01	8PQ3000-1BA74	8PQ3000-1BA78	8PQ3000-2BA88	8PQ3000-1BA82
850 mm	400 mm	8PQ1200-4BA16	8PQ3000-1BA74	8PQ3000-1BA80	8PQ3000-2BA88	8PQ3000-1BA82
	600 mm	8PQ1200-6BA15	8PQ3000-1BA74	8PQ3000-1BA80	8PQ3000-2BA88	8PQ3000-1BA82
	800 mm	8PQ1200-8BA02	8PQ3000-1BA74	8PQ3000-1BA80	8PQ3000-2BA88	8PQ3000-1BA82

Supports			Touch protection covers		
					
8PQ3000-1BA75	8PQ3000-2BA85	8PQ3000-2BA45	8PQ3000-1BA75	8PQ3000-2BA85	8PQ3000-2BA45
8PQ3000-1BA75	8PQ3000-2BA85	8PQ3000-2BA45	8PQ3000-1BA75	8PQ3000-2BA85	8PQ3000-2BA45
8PQ3000-1BA75	8PQ3000-2BA86	8PQ3000-2BA46	8PQ3000-1BA75	8PQ3000-2BA86	8PQ3000-2BA46
8PQ3000-1BA75	8PQ3000-2BA86	8PQ3000-2BA46	8PQ3000-1BA75	8PQ3000-2BA86	8PQ3000-2BA46
8PQ3000-1BA75	8PQ3000-2BA86	8PQ3000-2BA46	8PQ3000-1BA75	8PQ3000-2BA87	8PQ3000-2BA47
8PQ3000-1BA75	8PQ3000-2BA87	8PQ3000-2BA47	8PQ3000-1BA75	8PQ3000-2BA87	8PQ3000-2BA47
8PQ3000-1BA75	8PQ3000-2BA87	8PQ3000-2BA47	8PQ3000-1BA75	8PQ3000-2BA87	8PQ3000-2BA47

Section expansion

ALPHA 8GK DIN sections, enclosure



Main busbar at top

1 Bases

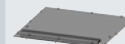
Corners with front cover



Side covers



2 Bottom plates



Width	Depth	Height 100 mm	200 mm	Height 100 mm	IP40 cable entry	IP55 closed
350 mm	400 mm	8PQ1010-0BA01	8PQ1020-0BA01	8PQ1010-4BA01	8PQ2300-4BA18	8PQ2300-4BA16
	600 mm	8PQ1010-0BA01	8PQ1020-0BA01	8PQ1010-6BA01	8PQ2300-6BA22	8PQ2300-6BA20
	800 mm	8PQ1010-0BA01	8PQ1020-0BA01	8PQ1010-8BA01	2x 8PQ2300-4BA18	2x 8PQ2300-4BA16
600 mm	400 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-4BA01	8PQ2306-4BA06	8PQ2306-4BA05
	600 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-6BA01	8PQ2306-6BA06	8PQ2306-6BA05
	800 mm	8PQ1016-0BA01	8PQ1026-0BA01	8PQ1010-8BA01	2x 8PQ2306-4BA06	2x 8PQ2306-4BA05
850 mm	400 mm	8PQ1010-0BA02	8PQ1020-0BA02	8PQ1010-4BA01	8PQ2300-4BA20	8PQ2300-4BA17
	600 mm	8PQ1010-0BA02	8PQ1020-0BA02	8PQ1010-6BA01	8PQ2300-6BA23	8PQ2300-6BA21
	800 mm	8PQ1010-0BA02	8PQ1020-0BA02	8PQ1010-8BA01	2x 8PQ2300-4BA20	2x 8PQ2300-4BA17

Main busbar at bottom

⊖ Rear panels

⊕ Side panels



IP20

IP40

IP55

IP40
with design strip

IP55

8PQ2300-4BA23	8PQ2420-0BA01	8PQ2420-0BA03	8PQ2520-4BA01	8PQ2520-4BA02
8PQ2300-6BA25	8PQ2420-0BA01	8PQ2420-0BA03	8PQ2520-6BA01	8PQ2520-6BA02
8PQ2300-8BA10	8PQ2420-0BA01	8PQ2420-0BA03	8PQ2520-8BA01	8PQ2520-8BA02
8PQ2306-4BA10	8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-4BA01	8PQ2520-4BA02
8PQ2306-6BA16	8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-6BA01	8PQ2520-6BA02
8PQ2306-8BA05	8PQ2420-6BA02	8PQ2420-6BA01	8PQ2520-8BA01	8PQ2520-8BA02
8PQ2300-4BA24	8PQ2420-0BA02	8PQ2420-0BA04	8PQ2520-4BA01	8PQ2520-4BA02
8PQ2300-6BA26	8PQ2420-0BA02	8PQ2420-0BA04	8PQ2520-6BA01	8PQ2520-6BA02
8PQ2300-8BA11	8PQ2420-0BA02	8PQ2420-0BA04	8PQ2520-8BA01	8PQ2520-8BA02

Section expansion

ALPHA 8GK DIN sections, enclosure



⑤ Top plates



Width	Depth	IP40	IP40 cable entry	IPX1 upgrade	IP55
350 mm	400 mm	8PQ2300-4BA06	8PQ2300-4BA14	8PQ2300-4BA11	8PQ2300-4BA04
	600 mm	8PQ2300-6BA13	8PQ2300-6BA17	8PQ2300-6BA15	8PQ2300-6BA11
	800 mm	8PQ2300-8BA03	8PQ2300-8BA07	8PQ2300-8BA05	8PQ2300-8BA01
600 mm	400 mm	8PQ2306-4BA02	8PQ2306-4BA03	8PQ2306-4BA04	8PQ2306-4BA01
	600 mm	8PQ2306-6BA02	8PQ2306-6BA03	8PQ2306-6BA04	8PQ2306-6BA01
	800 mm	8PQ2306-8BA02	8PQ2306-8BA03	8PQ2306-8BA04	8PQ2306-8BA01
850 mm	400 mm	8PQ2300-4BA07	8PQ2300-4BA15	8PQ2300-4BA12	8PQ2300-4BA05
	600 mm	8PQ2300-6BA14	8PQ2300-6BA18	8PQ2300-6BA16	8PQ2300-6BA12
	800 mm	8PQ2300-8BA04	8PQ2300-8BA08	8PQ2300-8BA06	8PQ2300-8BA02

Section expansion

ALPHA 8GK DIN sections, doors



6 Doors



Hinge position	Width	IP40	IP55	IP55 glass doors
With double-bit lock				
Left	350 mm	8PQ2197-0BA03	8PQ2197-0BA06	–
	600 mm	8PQ2197-6BA06	8PQ2197-6BA03	8PQ2197-6BA10
	850 mm	8PQ2197-0BA04	8PQ2197-0BA07	8PQ2197-0BA01
Right	350 mm	8PQ2197-0BA16	8PQ2197-0BA18	–
	600 mm	8PQ2197-6BA13	8PQ2197-6BA12	8PQ2197-6BA14
	850 mm	8PQ2197-0BA17	8PQ2197-0BA20	8PQ2197-0BA21
For profile semicylinders				
Left	350 mm	8PQ2197-0BA34	8PQ2197-0BA31	–
	600 mm	8PQ2197-6BA04	8PQ2197-6BA01	8PQ2197-6BA07
	850 mm	8PQ2197-0BA35	8PQ2197-0BA32	8PQ2197-0BA33
Right	350 mm	8PQ2197-0BA40	8PQ2197-0BA36	–
	600 mm	8PQ2197-6BA05	8PQ2197-6BA02	8PQ2197-6BA08
	850 mm	8PQ2197-0BA41	8PQ2197-0BA37	8PQ2197-0BA38

Section expansion

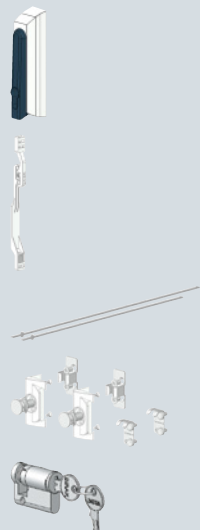
ALPHA 8GK DIN sections, doors

Accessories

Flat cylinders/two-way interlocking mechanism

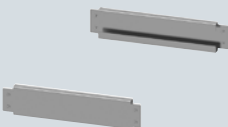
	Version	Article No.
	Rotary handles with flat cylinder	8PQ9400-0BA07
	- With key - Identical key type	
	Rotary handles with two-way interlocking mechanism	8PQ9400-0BA08
	Coupling bars	8PQ9400-0BA27
	Locking rods	8PQ9400-0BA37
	Bar guides	8PQ9400-0BA36

Profile semicylinders

	Version	Article No.
	Rotary handles for profile semicylinders	8PQ9400-0BA41
	Coupling bars	8PQ9400-0BA28
	Locking rods	8PQ9400-0BA38
	Bar guides	8PQ9400-0BA36
	Profile semicylinders Acc. to DIN 18252/18254, 8 × 45° adjustable, with identical keys (key number 333), including key	8PQ9400-0BA26

Door hinges

	Version	Scope of supply	Article No.
	Suitable for modular or section doors	2 units	8PQ9400-0BA55

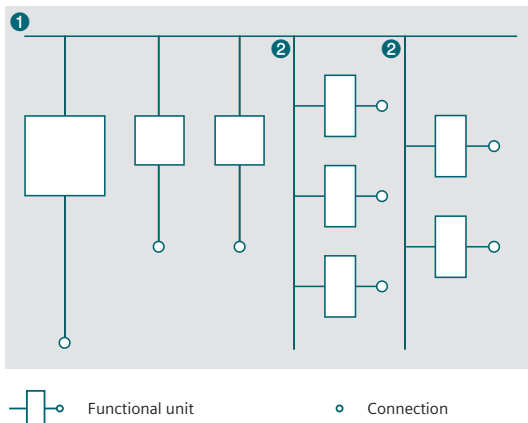
Cubicle keys				
	Version		Scope of supply	Article No.
	3 mm double bit		10 units	8PQ9400-0BA12
Inner door struts				
	Height		Article No.	
	1975 mm		8PQ2197-0BA10	
Cubicle ID plate				
	Version		Article No.	
	SIVACON designed by Siemens		8PQ9400-0BA06	
Reinforcements for transport				
	Height	Width/depth	Article No.	
	100 mm	350 mm	8PQ1010-0BA06	
		400 mm	8PQ1014-0BA02	
		600 mm	8PQ1016-0BA02	
		800 mm	8PQ1018-0BA02	
		850 mm	8PQ1010-0BA07	

Internal separation

Quick selection guide

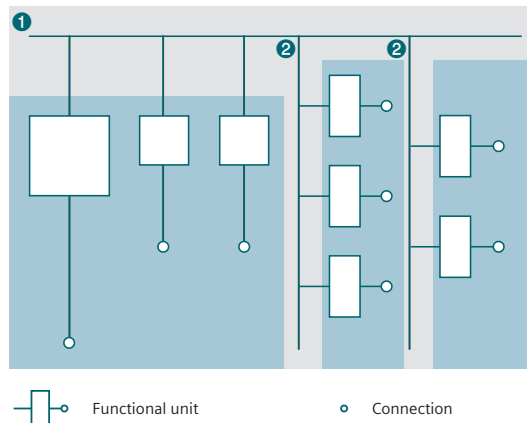
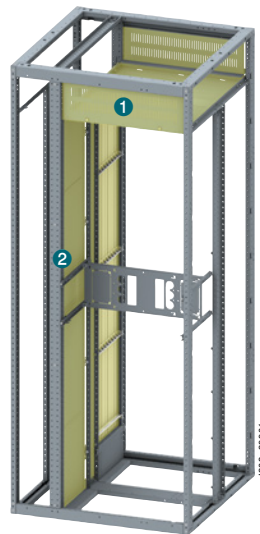
Form 1

Outgoing feeder panel
No internal separation



Form 2b

Outgoing feeder panel
+ separation of main busbar ①
+ separation of the vertical busbar ②



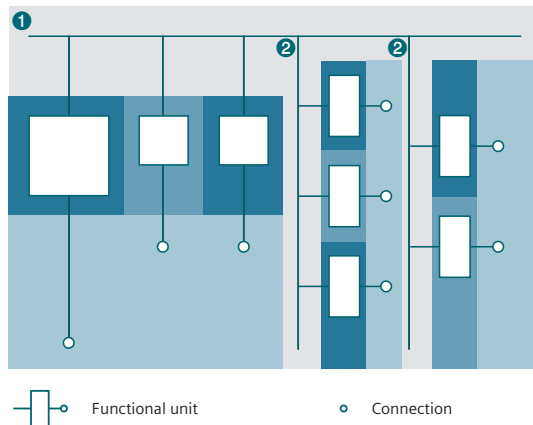
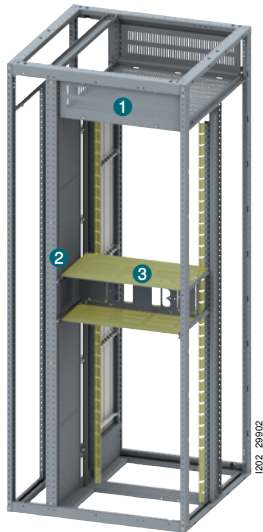
Form 3b

Outgoing feeder panel

With separation of main busbar ❶

With separation of the vertical busbar ❷

+ separation of device compartments (functional units) ❸



Form 4b

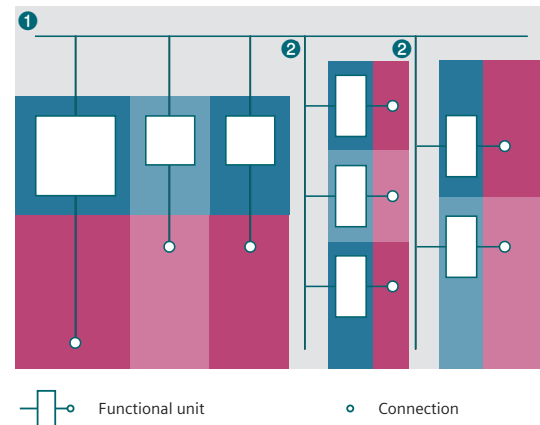
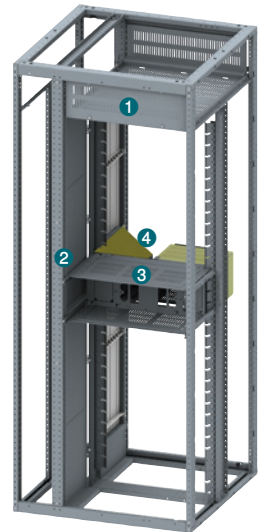
Outgoing feeder panel

With separation of main busbar ❶

With separation of the vertical busbar ❷

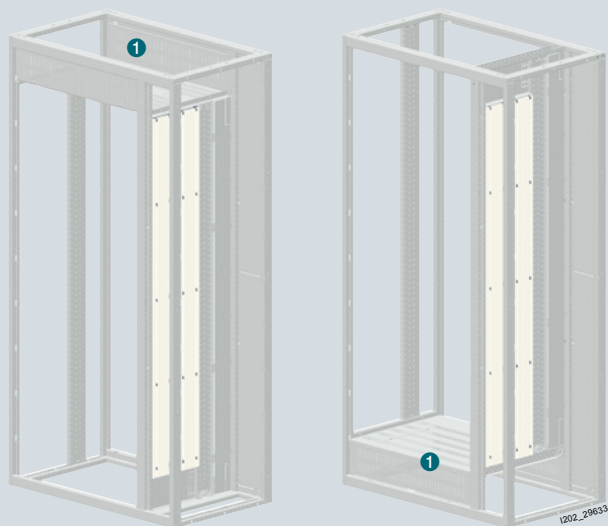
With separation of device compartments (functional units) ❸

+ separation of connections ❹



Internal separation

Main busbar, form 2b



Main busbar at top

1 Main busbars



Width	Depth 400 mm		Depth 800 mm	
200 mm	8PQ3000-1BA52	8PQ3000-1BA53	8PQ3000-1BA55	8PQ3000-1BA54
350 mm	8PQ3000-2BA68	8PQ3000-2BA71	8PQ3000-2BA75	8PQ3000-2BA73
400 mm	8PQ3000-0BA67	8PQ3000-0BA52	8PQ3000-0BA58	8PQ3000-0BA55
600 mm	8PQ3000-0BA68	8PQ3000-0BA53	8PQ3000-0BA60	8PQ3000-0BA56
800 mm	8PQ3000-0BA70	8PQ3000-0BA54	8PQ3000-0BA61	8PQ3000-0BA57
850 mm	8PQ3000-2BA70	8PQ3000-2BA72	8PQ3000-2BA76	8PQ3000-2BA74
1000 mm	8PQ3000-1BA13	8PQ3000-1BA14	8PQ3000-1BA20	8PQ3000-1BA17
1200 mm	8PQ3000-1BA15	8PQ3000-1BA16	8PQ3000-1BA21	8PQ3000-1BA18

Main busbar at bottom

Main busbar at rear



Depth
400 mm

600 mm

800 mm

Depth
800 mm

800 mm

–
8PQ3000-3BA13
8PQ3000-3BA14
8PQ3000-3BA15
8PQ3000-3BA16
8PQ3000-3BA17
8PQ3000-3BA18
8PQ3000-3BA20

–
8PQ3000-3BA22
8PQ3000-3BA23
8PQ3000-3BA24
8PQ3000-3BA25
8PQ3000-3BA26
8PQ3000-3BA27
8PQ3000-3BA28

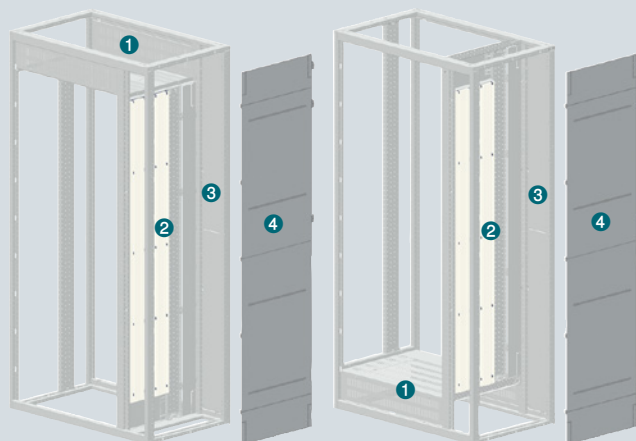
–
8PQ3000-3BA31
8PQ3000-3BA32
8PQ3000-3BA33
8PQ3000-3BA34
8PQ3000-3BA35
8PQ3000-3BA36
8PQ3000-3BA37

–
8PQ3000-2BA77
8PQ3000-0BA78
8PQ3000-0BA80
8PQ3000-0BA81
8PQ3000-2BA78
8PQ3000-1BA22
8PQ3000-1BA23

–
8PQ5000-4BA24
8PQ5000-4BA25
8PQ5000-4BA26
–
8PQ5000-4BA27
–

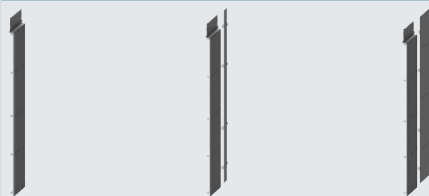
Internal separation

Vertical busbar, form 2b



Main busbar at top

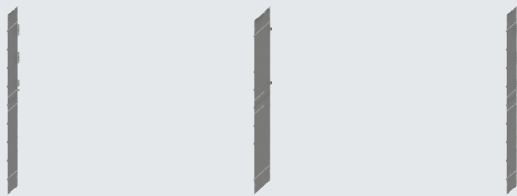
Vertical busbar



Without main busbar

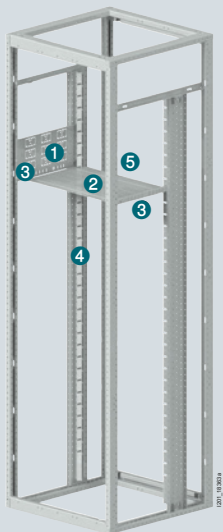


Width	Depth 400 mm	600 mm	800 mm	Depth 800 mm	Depth 400 mm	600 mm
200 mm	8PQ4000-0BA05	8PQ4000-0BA07	8PQ4000-0BA64	8PQ4000-0BA02	8PQ4000-0BA06	8PQ4000-0BA03
400 mm	8PQ4000-0BA05	8PQ4000-0BA07	8PQ4000-0BA64	8PQ4000-0BA01	8PQ4000-0BA06	8PQ4000-0BA03

③ Touch protection covers			④ Vertical separation between sections		
					
800 mm	Depth 600 mm	800 mm	Depth 400 mm	600 mm	800 mm
8PQ4000-0BA76	8PQ3000-2BA50	8PQ3000-2BA50	8PQ3000-0BA15	8PQ3000-0BA16	2× 8PQ3000-0BA15
8PQ4000-0BA76	8PQ3000-0BA51	8PQ3000-0BA51	8PQ3000-0BA15	8PQ3000-0BA16	2× 8PQ3000-0BA15

Internal separation

Modular kits, form 3b



Main busbar at top

Main busbar at bottom

Main busbar at rear

Frame without main busbar

Side

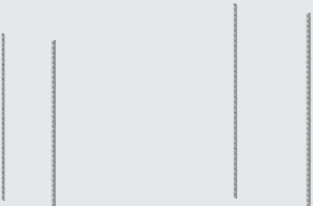
Horizontal

Kit version support rail

Kit version crossbar



Height	Branch current	Assembly kits	Branch current	Assembly kits	Horizontal	
					Width 400 mm	600 mm
50 mm		–	–	–	–	–
100 mm		8PQ5000-2BA27	–	–	8PQ5000-3BA44	8PQ5000-2BA61
150 mm		8PQ5000-2BA28	–	–	8PQ5000-3BA44	8PQ5000-2BA61
200 mm	≤250 A	8PQ5000-2BA30	–	–	8PQ5000-3BA44	8PQ5000-2BA61
	≥400 A	8PQ5000-2BA31	–	–	8PQ5000-3BA44	8PQ5000-2BA61
250 mm	≤250 A	8PQ5000-2BA32	–	–	8PQ5000-3BA44	8PQ5000-2BA61
	≥400 A	8PQ5000-2BA33	–	–	8PQ5000-3BA44	8PQ5000-2BA61
300 mm	≤250 A	8PQ5000-2BA34	–	–	8PQ5000-3BA44	8PQ5000-2BA61
	≥400 A	8PQ5000-2BA35	–	–	8PQ5000-3BA44	8PQ5000-2BA61
350 mm		8PQ5000-2BA36	–	–	8PQ5000-3BA44	8PQ5000-2BA61
400 mm		8PQ5000-2BA37	≥800 A	8PQ5000-3BA50	8PQ5000-3BA44	8PQ5000-2BA61
450 mm		8PQ5000-2BA38	≥800 A	8PQ5000-2BA65	8PQ5000-3BA44	8PQ5000-2BA61
500 mm		8PQ5000-2BA40	≥800 A	8PQ5000-2BA66	8PQ5000-3BA44	8PQ5000-2BA61
550 mm		8PQ5000-2BA41	–	–	8PQ5000-3BA44	8PQ5000-2BA61
600 mm		8PQ5000-2BA42	≥800 A	8PQ5000-2BA48	8PQ5000-3BA44	8PQ5000-2BA61
650 mm		8PQ5000-2BA43	–	–	8PQ5000-3BA44	8PQ5000-2BA61
700 mm		8PQ5000-2BA44	≥800 A	8PQ5000-2BA50	8PQ5000-3BA44	8PQ5000-2BA61
800 mm		8PQ5000-2BA45	–	–	8PQ5000-3BA44	8PQ5000-2BA61

⑤ Support rails		④ Plug-in rails		⑥ Rear	
					
Width 800 mm		Height 1600 mm	1800 mm	Width 600 mm	800 mm
–	–	–	–	8PQ5000-2BA51	8PQ5000-2BA67
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-2BA52	8PQ5000-2BA68
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA40	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA41	8PQ5000-4BA48
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA41	8PQ5000-4BA48
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA42	8PQ5000-4BA50
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA42	8PQ5000-4BA50
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA43	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA43	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA44	8PQ5000-4BA51
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA45	8PQ5000-4BA52
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA46	8PQ5000-4BA53
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	–	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	8PQ5000-4BA47	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	–	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	–	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	–	–
8PQ5000-2BA62	8PQ5000-2BA63	8PQ3000-0BA82	8PQ3000-0BA83	–	–

Internal separation

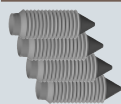
Accessories

Connecting terminals



Rated current	Busbar	Scope of supply	Article No.
–	–	4 units	8PQ5000-0BA05
250 A	2 × 25 × 5 mm	2 units	8PQ5000-0BA72
400 A	30 × 10 mm	4 units	8PQ5000-0BA73
630 A	40 × 10 mm	4 units	8PQ5000-0BA74

Protective bellows



Version	Scope of supply	Article No.
For connecting terminal	4 units	8PQ9400-0BA71

Self-tapping screws – frame



Version	Version	Scope of supply	Article No.
Cylinder-head screws	M6 × 10 mm	100 units	8PQ9500-0BA34
	M6 × 16 mm	100 units	8PQ9500-0BA32
	M6 × 20 mm	100 units	8PQ9500-0BA31
Covering caps	M6, RAL 7035	100 units	8PQ9400-0BA14
Countersunk screws	M6 × 12 mm	100 units	8PQ9500-1BA07

Standardized parts - electrical connections



Version	Version	Scope of supply	Article No.
Hexagonal nuts	For M10	50 units	8PQ9500-0BA05
Spring washers	For M10	50 units	8PQ9500-0BA60
Plain washers	For M10	50 units	8PQ9500-0BA67
Lock washers	For M10	50 units	8PQ9500-0BA50

Universal mounting brackets					
			Scope of supply	Article No.	
			10 units	8PQ9400-0BA01	
Transport aids					
	Version	Width	Scope of supply	Article No.	
	Lifting eyebolts	–	4 units	8PQ9400-0BA11	
	Lifting brackets	800 mm	2 units	8PQ3000-1BA01	
		850 mm	2 units	8PQ3000-2BA38	
		1000 mm	2 units	8PQ3000-1BA02	
		1200 mm	2 units	8PQ3000-1BA03	
Cable entries					
	Version			Article No.	
	Cables with diam. up to 20 mm	20 units		8PQ9400-0BA16	
	Cables with diam. 14 ... 38 mm	6 units		8PQ9400-0BA33	
Torx bits for screwdriver					
	Length			Article No.	
	200 mm	2 units		8PQ9400-0BA10	
Extended delivery options					
	• After prior consultation with ALPHA-support.ic@siemens.com				
	Version	Description			Article No.
	Pre-assembled solutions	Based on SIMARIS configuration • In various expansion stages • Mechanically with or without copper insert			8PQ9998-0BA20-Z
	Copper for system sections	Drawings from SIMARIS			8PQ9998-0BA30-Z

ALPHA UNIVERSAL system overview

Distribution boards, assembly kits and accessories

ALPHA UNIVERSAL 800



ALPHA UNIVERSAL 630



Unequipped distribution boards



ALPHA 800

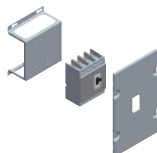


ALPHA 630



ALPHA 125

Assembly kits

For molded case
circuit breakersFor switch
disconnectorsFor fuse switch
disconnectorsFor modular
installation devicesFor front cover
with cutout

Note:

You will find a detailed range of accessories with the basic units and in the Accessories section.

ALPHA UNIVERSAL 125



Busbars



Cu busbars



Busbar supports

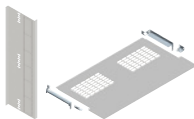
Accessories



Bases



Crossbars



Partitions



Front covers



Locking systems

Note:

You will find a detailed range of accessories with the basic units and in the Accessories section.

ALPHA 800 UNIVERSAL floor-mounted distribution boards

Rated current 800 A

Unequipped distribution boards

Degree of protection IP30/IP55



Height Outside	Inside	Depth Outside	Width Outside	Inside	Safety class I
1850 mm	1800 mm	400 mm	350 mm	300 mm	8GK2420-6KK14
			650 mm	600 mm	8GK2420-6KK24
			950 mm	900 mm	8GK2420-6KK34
2050 mm	2000 mm	400 mm	350 mm	300 mm	8GK2420-7KK14
			650 mm	600 mm	8GK2420-7KK24
			950 mm	900 mm	8GK2420-7KK34

Accessories

Unequipped distribution boards

Sheet-steel doors

Versions	Width	Cubicle height	Cubicle width	Article No.
Standard	—	1800 mm	300 mm	8GK9515-8KK11
			600 mm	8GK9515-8KK21
			900 mm	8GK9515-8KK31
		2000 mm	300 mm	8GK9515-8KK12
			600 mm	8GK9515-8KK22
			900 mm	8GK9515-8KK32
For cable compartment	250 mm	1800 mm	900 mm	8GK9515-8KK41
		2000 mm	900 mm	8GK9515-8KK42

Transparent doors

Versions	Cubicle height	Cubicle width	Article No.
Standard	1800 mm	300 mm	8GK9505-8KK12
		600 mm	8GK9505-8KK21
		900 mm	8GK9505-8KK31
	2000 mm	300 mm	8GK9505-8KK10
		600 mm	8GK9505-8KK22
		900 mm	8GK9505-8KK32
Giugiaro design	1800 mm	600 mm	8GK9507-8KK21
		900 mm	8GK9507-8KK31
	2000 mm	600 mm	8GK9507-8KK22
		900 mm	8GK9507-8KK32

Double doors

Versions	Width	Cubicle height	Cubicle width	Article No.
Made of sheet steel	600 + 250 mm	1800 mm	900 mm	8GK9515-8KK21 + 8GK9515-8KK41
		2000 mm	900 mm	8GK9515-8KK22 + 8GK9515-8KK42
Transparent door + sheet-steel door	600 + 250 mm	1800 mm	900 mm	8GK9505-8KK21 + 8GK9515-8KK41
		2000 mm	900 mm	8GK9505-8KK22 + 8GK9515-8KK42
Transparent door in Giugiaro design + sheet-steel door	600 + 250 mm	1800 mm	900 mm	8GK9507-8KK21 + 8GK9515-8KK41
		2000 mm	900 mm	8GK9507-8KK22 + 8GK9515-8KK42

Accessories

Unequipped
distribution boards

Vertical profile bars for compartment/busbars



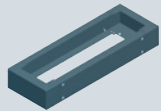
Cubicle height	Cubicle width	Article No.
1800 mm	300/600/900 mm	8GK9200-8KK00
2000 mm	300/600/900 mm	8GK9200-8KK01

Front covers for cabling compartment



Height	Width	Cubicle height	Cubicle width	Article No.
800 + 1000 mm	250/300 mm	1800 mm	300 mm	8GK9607-5KK10 + 8GK9607-7KK10
			900 mm	8GK9606-5KK10 + 8GK9606-7KK10
1000 + 1000 mm	250/300 mm	2000 mm	300 mm	8GK9607-7KK10 + 8GK9607-7KK10
			900 mm	8GK9606-7KK10 + 8GK9606-7KK10

Bases



Color	Height	Cubicle height	Cubicle width	Article No.
Blue-green	100 mm	1800/2000 mm	300 mm	8GK9906-0KK15
			600 mm	8GK9906-0KK25
			900 mm	8GK9906-0KK35

Side panels



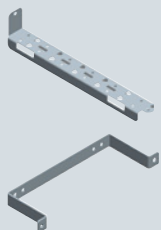
Color	Cubicle height	Cubicle width	Article No.
RAL 7035 (pair)	1800 mm	300/600/900 mm	8GK9200-8KK04
	2000 mm	300/600/900 mm	8GK9200-8KK05
Blue-green	1800 mm	300/600/900 mm	8GK9200-8KK07
	2000 mm	300/600/900 mm	8GK9200-8KK08

Supports



Versions	Height	Article No.
Mounting stays (pair)	1600 mm	8GK6850-0KK02
	1800 mm	8GK6850-0KK03
	2000 mm	8GK6850-0KK04
Rear universal supports	1800 mm	8GK6850-0KK05
	2000 mm	8GK6850-0KK06

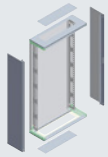
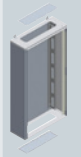
Crossbars



Versions	Article No.
Upper crossbar	8GK6850-0KK00
Lateral crossbar	8GK6850-0KK01
Adapter for installation of assembly kits in the cabling compartment, width 250 mm (2 units)	8GK9920-0KK01

ALPHA 630 UNIVERSAL wall-mounted distribution boards

Rated current 630 A

					Flat pack	Unequipped distribution boards	Distribution boards with built-in distribution board panels
					Degree of protection IP43	IP30 / IP55	IP55
							
Height Outside	Inside	Depth Outside	Width Outside	Inside	Safety class I	Safety class I	Safety class I
450 mm	400 mm	250 mm	650 mm	600 mm	8GK2100-0KS23	–	–
650 mm	600 mm	250 mm	650 mm	600 mm	8GK2100-1KS23	8GK2124-1KK23	–
850 mm	800 mm	250 mm	650 mm	600 mm	8GK2100-2KS23	8GK2124-2KK23	8GK9988-0KL00
1050 mm	1000 mm	250 mm	650 mm	600 mm	8GK2100-3KS23	8GK2124-3KK23	8GK9988-0KL01
			950 mm	900 mm	8GK2100-4KS23	8GK2124-3KK33	–
1250 mm	1200 mm	250 mm	650 mm	600 mm	8GK2100-3KL23	8GK2124-4KK23	8GK9988-0KL02
			950 mm	900 mm	8GK2100-4KL23	8GK2124-4KK33	–

Accessories

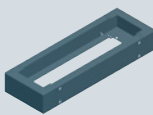
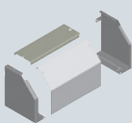
Sheet-steel doors

				Flat pack IP43	Unequipped distribution boards IP55
	Versions	Cubicle height	Cubicle width	Article No.	Article No.
	Standard	400 mm	600 mm	8GK9515-3KK20	–
		600 mm	600 mm	8GK9515-4KK20	8GK9515-4KK20
		800 mm	600 mm	8GK9515-5KK20	8GK9515-5KK23
		1000 mm	600 mm	8GK9515-6KK20	8GK9515-6KK23
			900 mm	8GK9515-6KK30	8GK9515-6KK33
		1200 mm	600 mm	8GK9515-7KK20	8GK9515-7KK23
			900 mm	8GK9515-7KK30	8GK9515-7KK33
	For cable compartment	1000 mm	900 mm	8GK9515-6KK40	8GK9515-6KK43
		1200 mm	900 mm	8GK9515-7KK40	8GK9515-7KK33
			600 + 300 mm	–	8GK9515-7KK43

Transparent doors

		Cubicle height	Cubicle width	Article No.	Article No.
	Versions				
	Standard	400 mm	600 mm	8GK9505-3KK20	–
		600 mm	600 mm	8GK9505-4KK20	8GK9505-4KK20
		800 mm	600 mm	8GK9505-5KK20	8GK9505-5KK23
		1000 mm	600 mm	8GK9505-6KK20	8GK9505-6KK23
			900 mm	8GK9505-6KK30	8GK9505-6KK33
		1200 mm	600 mm	8GK9505-7KK20	8GK9505-7KK23
			900 mm	8GK9505-7KK30	8GK9505-7KK33
	Giugiaro design	400 mm	600 mm	8GK9507-2KK23	–
		600 mm	600 mm	8GK9507-4KK23	8GK9507-4KK23
		800 mm	600 mm	8GK9507-5KK23	8GK9507-5KK23
		1000 mm	600 mm	8GK9507-7KK23	8GK9507-7KK23
			900 mm	8GK9507-7KK33	8GK9507-7KK33
		1200 mm	600 mm	8GK9507-8KK23	8GK9507-8KK23
			900 mm	8GK9507-8KK33	8GK9507-8KK33

Accessories

Double doors							
	Versions	Width	Cubicle height	Cubicle width	Article No.	Article No.	
	Made of sheet steel	600 + 250 mm ¹⁾	1000 mm	900 mm	8GK9515-6KK20 + 8GK9515-6KK40	8GK9515-6KK23 + 8GK9515-6KK43	
			1200 mm	900 mm	8GK9515-7KK20 + 8GK9515-7KK40	8GK9515-7KK23 + 8GK9515-7KK43	
	Transparent door + sheet-steel door	600 + 250 mm	1000 mm	900 mm	8GK9505-6KK20 + 8GK9515-6KK40	8GK9505-6KK23 + 8GK9515-6KK43	
			1200 mm	900 mm	8GK9505-7KK20 + 8GK9515-7KK40	8GK9505-7KK23 + 8GK9515-7KK43	
	Transparent door in Giugiaro design + sheet-steel door	600 + 250 mm ¹⁾	1600 mm	900 mm	8GK9507-7KK23 + 8GK9515-6KK40	8GK9507-7KK23 + 8GK9515-6KK43	
			1800 mm	900 mm	8GK9507-8KK23 + 8GK9515-7KK40	8GK9507-8KK23 + 8GK9515-7KK43	
Vertical profile bars for cabling compartment							
			Cubicle height	Cubicle width	Article No.	Article No.	
			1000 mm	900 mm	8GK9125-7KK01	8GK9125-7KK01	
			1200 mm	900 mm	8GK9127-8KK01	8GK9127-8KK01	
Front covers for cabling compartment							
	Height	Width	Cubicle height	Cubicle width	Article No.	Article No.	
	1000 mm	250/300 mm	1000 mm	900 mm	8GK9606-7KK10	8GK9606-7KK10	
	600 + 600 mm	250/300 mm	1200 mm	900 mm	8GK9606-4KK10 + 8GK9606-4KK10	8GK9606-4KK10 + 8GK9606-4KK10	
Bases							
	Color	Height	Cubicle height	Cubicle width	Article No.	Article No.	
	Blue-green	100 mm	600/1200 mm	600 mm	8GK9906-0KK23	8GK9906-0KK23	
			1000/1200 mm	900 mm	8GK9606-4KK10	8GK9906-0KK33	
Covers for cable entry and cable duct							
			Cubicle height	Cubicle width	Article No.	Article No.	
			600/1200 mm	600 mm	8GK9920-0KK41	8GK9920-0KK41	
			1000/1200 mm	900 mm	8GK9920-0KK42	8GK9920-0KK42	
Side panels							
	Color			Cubicle height	Cubicle width	Article No.	Article No.
	Blue-green			600 mm	600 mm	–	8GK9122-4KK01
				800 mm	600 mm	–	8GK9122-5KK01
				1000 mm	600/900 mm	–	8GK9122-6KK01
				1200 mm	600/900 mm	–	8GK9122-7KK01

¹⁾ For distribution boards of width 900 with double door and vertical profile bar

ALPHA 630 UNIVERSAL floor-mounted distribution boards

Rated current 630 A

					Flat pack	Unequipped distribution boards	Distribution boards with built-in distribution board panels	With assembly kit for 3VL molded case circuit breakers
					Degree of protection IP43	IP30 / IP55	IP55	IP55
								
Height Outside	Inside	Depth Outside	Width Outside	Inside	Safety class I	Safety class I	Safety class I	Safety class I
1650 mm	1600 mm	250 mm	350 mm	300 mm	8GK2300-5KL13	8GK2325-5KK13	–	–
			650 mm	600 mm	8GK2300-5KL23	8GK2325-5KK23	–	–
			950 mm	900 mm	8GK2300-5KL43	8GK2325-5KK43	–	–
1850 mm	1800 mm	250 mm	350 mm	300 mm	8GK2300-6KL13	8GK2325-6KK13	–	–
			650 mm	600 mm	8GK2300-6KL23	8GK2325-6KK23	8GK2348-7KL00	8GK2348-7KL01
			950 mm	900 mm	8GK2300-6KL43	8GK2325-6KK43	–	–
2050 mm	2000 mm	250 mm	350 mm	300 mm	8GK2300-7KL13	8GK2325-7KK13	–	–
			650 mm	600 mm	8GK2300-7KL23	8GK2325-7KK23	–	–
			950 mm	900 mm	8GK2300-7KL43	8GK2325-7KK43	–	–

ALPHA 630 UNIVERSAL floor-mounted distribution boards

Rated current 630 A

Accessories

Sheet-steel doors

	Versions	Width	Cubicle height	Cubicle width	Article No.	Article No.
	Standard	–	1600 mm	300 mm	8GK9515-8KK10	8GK9515-8KK10
				600 mm	8GK9515-8KK20	8GK9515-8KK20
				900 mm	8GK9515-8KK30	8GK9515-8KK30
			1800 mm	300 mm	8GK9515-8KK11	8GK9515-8KK11
				600 mm	8GK9515-8KK21	8GK9515-8KK21
				900 mm	8GK9515-8KK31	8GK9515-8KK31
			2000 mm	300 mm	8GK9515-8KK12	8GK9515-8KK12
				600 mm	8GK9515-8KK22	8GK9515-8KK22
				900 mm	8GK9515-8KK32	8GK9515-8KK32
	For cable compartment	250 mm	1600 mm	900 mm	8GK9515-8KK40	8GK9515-8KK40
			1800 mm	900 mm	8GK9515-8KK41	8GK9515-8KK41
			2000 mm	900 mm	8GK9515-8KK42	8GK9515-8KK42

Transparent doors

	Versions	Cubicle height	Cubicle width	Article No.	Article No.
	Standard	1600 mm	300 mm	8GK9505-8KK11	8GK9505-8KK11
			600 mm	8GK9505-8KK20	8GK9505-8KK20
			900 mm	8GK9505-8KK30	8GK9505-8KK30
		1800 mm	300 mm	8GK9505-8KK12	8GK9505-8KK12
			600 mm	8GK9505-8KK21	8GK9505-8KK21
			900 mm	8GK9505-8KK31	8GK9505-8KK31
		2000 mm	300 mm	8GK9505-8KK10	8GK9505-8KK10
			600 mm	8GK9505-8KK22	8GK9505-8KK22
			900 mm	8GK9505-8KK32	8GK9505-8KK32
	Giugiaro design	1600 mm	600 mm	8GK9507-8KK20	8GK9507-8KK20
			900 mm	8GK9507-8KK30	8GK9507-8KK30
		1800 mm	600 mm	8GK9507-8KK21	8GK9507-8KK21
			900 mm	8GK9507-8KK31	8GK9507-8KK31
		2000 mm	600 mm	8GK9507-8KK22	8GK9507-8KK22
			900 mm	8GK9507-8KK32	8GK9507-8KK32

Double doors

	Versions	Width	Cubicle height	Cubicle width	Article No.	Article No.
	Made of sheet steel	600 + 250 mm	1600 mm	900 mm	8GK9515-8KK20 + 8GK9515-8KK40	8GK9515-8KK20 + 8GK9515-8KK40
				900 mm	8GK9515-8KK21 + 8GK9515-8KK41	8GK9515-8KK21 + 8GK9515-8KK41
			1800 mm	900 mm	8GK9515-8KK22 + 8GK9515-8KK42	8GK9515-8KK22 + 8GK9515-8KK42
				900 mm	8GK9505-8KK20 + 8GK9515-8KK40	8GK9505-8KK20 + 8GK9515-8KK40
			1800 mm	900 mm	8GK9505-8KK21 + 8GK9515-8KK41	8GK9505-8KK21 + 8GK9515-8KK41
				900 mm	8GK9505-8KK22 + 8GK9515-8KK42	8GK9505-8KK22 + 8GK9515-8KK42
	Transparent door + sheet-steel door	600 + 250 mm	1600 mm	900 mm	8GK9507-8KK20 + 8GK9515-8KK40	8GK9507-8KK20 + 8GK9515-8KK40
				900 mm	8GK9507-8KK21 + 8GK9515-8KK41	8GK9507-8KK21 + 8GK9515-8KK41
			1800 mm	900 mm	8GK9507-8KK22 + 8GK9515-8KK42	8GK9507-8KK22 + 8GK9515-8KK42
				900 mm	8GK9507-8KK20 + 8GK9515-8KK40	8GK9507-8KK20 + 8GK9515-8KK40
			1800 mm	900 mm	8GK9507-8KK21 + 8GK9515-8KK41	8GK9507-8KK21 + 8GK9515-8KK41
				900 mm	8GK9507-8KK22 + 8GK9515-8KK42	8GK9507-8KK22 + 8GK9515-8KK42

Vertical profile bars for cabling compartment

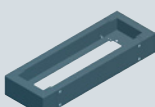
	Cubicle height	Cubicle width	Article No.	Article No.
	1600 mm	900 mm	8GK9125-8KK11	8GK9125-8KK11
	1800 mm	900 mm	8GK9125-8KK12	8GK9125-8KK12
	2000 mm	900 mm	8GK9125-8KK13	8GK9125-8KK13

Accessories

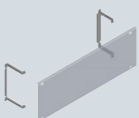
Front covers for cabling compartment

	Height	Width	Cubicle height	Cubicle width	Article No.	Article No.
	800 + 800 mm	250/300 mm	1600 mm	300 mm	8GK9607-5KK10 + 8GK9607-5KK10	8GK9607-5KK10 + 8GK9607-5KK10
				900 mm	8GK9606-5KK10 + 8GK9606-5KK10	8GK9606-5KK10 + 8GK9606-5KK10
	800 + 1000 mm	250/300 mm	1800 mm	300 mm	8GK9607-5KK10 + 8GK9607-7KK10	8GK9607-5KK10 + 8GK9607-7KK10
				900 mm	8GK9606-5KK10 + 8GK9606-7KK10	8GK9606-5KK10 + 8GK9606-7KK10
	1000 + 1000 mm	250/300 mm	2000 mm	300 mm	8GK9607-7KK10 + 8GK9607-7KK10	8GK9607-7KK10 + 8GK9607-7KK10
				900 mm	8GK9606-7KK10 + 8GK9606-7KK10	8GK9606-7KK10 + 8GK9606-7KK10

Bases

	Color	Height	Cubicle height	Cubicle width	Article No.	Article No.
	Blue-green	100 mm	1600/2000 mm	300 mm	8GK9906-0KK13	8GK9906-0KK13
			1600/2000 mm	600 mm	8GK9906-0KK23	8GK9906-0KK23
			1600/2000 mm	900 mm	8GK9906-0KK33	8GK9906-0KK33

Covers for cable entry and cable duct

			Cubicle height	Cubicle width	Article No.	Article No.
			1600/2000 mm	300 mm	8GK9920-0KK40	8GK9920-0KK40
			1600/2000 mm	600 mm	8GK9920-0KK41	8GK9920-0KK41
			1600/2000 mm	900 mm	8GK9920-0KK42	8GK9920-0KK42

Side panels

	Color	Cubicle height	Cubicle width	Article No.	Article No.
	RAL 7035 (pair)	1600 mm	300/600/900 mm	8GK9120-8KK00	8GK9122-8KK03
		1800 mm	300/600/900 mm	8GK9120-8KK01	8GK9122-8KK04
		2000 mm	300/600/900 mm	8GK9120-8KK02	8GK9122-8KK05

ALPHA UNIVERSAL 125 distribution boards

Rated current 125 A

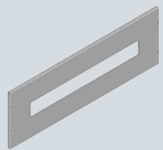
						Surface-mounting distribution boards		Flush-mounting distribution boards	
						With sheet-steel door	With transparent door	With sheet-steel door	With transparent door
						IP43	IP43	IP31D	IP31D
Degree of protection									
Height Outside	Inside	Depth Outside	Width Outside	Inside	Tiers (MW = 18 mm)	Safety class I	Safety class I	Safety class I	Safety class I
450 mm	400 mm	140 mm	660 mm	600 mm	48 (2 × 24)	8GK2042-0KL21	8GK2042-0KM21	–	–
650 mm	600 mm	140 mm	660 mm	600 mm	72 (3 × 24)	8GK2042-1KL21	8GK2042-1KM21	–	–
800 mm	850 mm	140 mm	660 mm	600 mm	96 (4 × 24)	8GK2042-2KL21	8GK2042-2KM21	–	–
1050 mm	1000 mm	140 mm	660 mm	600 mm	120 (5 × 24)	8GK2042-3KL21	8GK2042-3KM21	–	–
1250 mm	1200 mm	140 mm	660 mm	600 mm	144 (6 × 24)	8GK2042-4KL21	8GK2042-4KM21	–	–
508 mm	400 mm	140 mm	718 mm	600 mm	48 (2 × 24)	–	–	8GK2043-0KL21	8GK2043-0KM21
708 mm	600 mm	140 mm	718 mm	600 mm	72 (3 × 24)	–	–	8GK2043-1KL21	8GK2043-1KM21
908 mm	800 mm	140 mm	718 mm	600 mm	96 (4 × 24)	–	–	8GK2043-2KL21	8GK2043-2KM21
1108 mm	1000 mm	140 mm	718 mm	600 mm	120 (5 × 24)	–	–	8GK2043-3KL21	8GK2043-3KM21
1308 mm	1200 mm	140 mm	718 mm	600 mm	144 (6 × 24)	–	–	8GK2043-4KL21	8GK2043-4KM21

Accessories

Front covers

- With quick-lock screws and integrated grounding connection

Version	Height	Width	Article No.
Closed	50 mm	600 mm	8GK9620-1KK20
	100 mm	600 mm	8GK9621-1KK20
	150 mm	600 mm	8GK9622-1KK20
	200 mm	600 mm	8GK9623-1KK20
	400 mm	600 mm	8GK9622-2KK20
	600 mm	600 mm	8GK9622-4KK20
	800 mm	600 mm	8GK9622-5KK20
For modular installation devices	150 mm	600 mm	8GK9608-1KK22
	200 mm	600 mm	8GK9608-1KK20
	300 mm	600 mm	8GK9608-2KK22
	400 mm	600 mm	8GK9608-2KK20
	450 mm	600 mm	8GK9608-3KK22
	600 mm	600 mm	8GK9608-4KK20



Standard mounting rails for modular installation devices

Width	Article No.
600 mm	8GK9920-0KK11



Holders for cable duct

Width	Article No.
600 mm	8GK9920-0KK20



Grounding bars, PE

Width	Article No.
600 mm (20 × 5 mm ²)	8GK9920-0KK10



Hinges for covers

Version	Article No.
For hinged covers	8GK9120-0KK11



Rotary handles

Version	Color	Article No.
Plastic	Black	8GK9560-0KK04
Lockable	Black	8GK9560-0KK13



Profile semicylinders E012

Version	Article No.
Insert and key 8GK9560	8GK9560-0KK07



Rotary handles for profile semicylinders

Version	Article No.
For 40 mm profile semicylinders	8GK9560-0KK06



Assembly kits

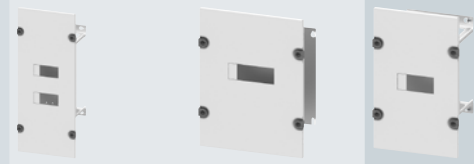
For 3VA molded case circuit breakers

Horizontal



Switches				Distribution board		With RCD module	Without RCD module
Type	Rated current	No. of	Rotary operating mechanism	Height outside	Width outside	Infeed side	
3VA10.. and 3VA11..	100 A/160 A	1	—	200 mm	600 mm	8GK6735-2KK23	8GK6730-2KK23
			■	200 mm	900 mm	8GK6735-2KK33	8GK6730-2KK33
					600 mm	—	8GK6733-2KK23
					900 mm	—	8GK6733-2KK33
3VA12..	250 A	1	—	200 mm	600 mm	8GK6736-2KK23	8GK6721-2KK23
			■	200 mm	900 mm	8GK6736-2KK33	8GK6721-2KK33
					600 mm	—	8GK6734-2KK23
					900 mm	—	8GK6734-2KK33
3VA20.. and 3VA22..	100 A/250 A	1	—	200 mm	600 mm	8GK6725-2KK23	8GK6720-2KK23
			■	200 mm	900 mm	8GK6725-2KK33	8GK6720-2KK33
					600 mm	—	8GK6723-2KK23
					900 mm	—	8GK6723-2KK33
3VA23.. and 3VA24..	400 A/630 A	1	—	400 mm	600 mm	—	8GK6740-4KK23
				900 mm	8GK6745-4KK23	8GK6740-4KK33	

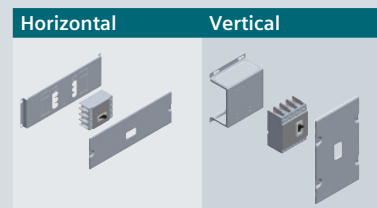
Vertical



Switches Type	Rated current	No. of	Motorized operating mechanism	Distribution board		Mit RCD-Modul		Without RCD module
				Height outside	Width outside	Infeed side	At side	
3VA10.. and 3VA11..	100 A / 160 A	1	—	200 mm	300 mm	—	—	8GK6731-2KK13
				400 mm	250 mm	—	—	8GK6730-4KK43
					300 mm	—	8GK6731-6KK13	8GK6730-4KK13
				600 mm	250 mm	8GK6735-4KK43	—	—
		■	—		300 mm	8GK6735-6KK13	—	—
				400 mm	300 mm	—	8GK6738-6KK13	8GK6734-4KK13
				600 mm	300 mm	8GK6736-6KK13	—	—
		3	—	200 mm	600 mm	—	—	8GK6731-2KK23
				400 mm	600 mm	—	8GK6731-6KK23	8GK6730-4KK23
					900 mm	—	—	8GK6731-6KK33
				600 mm	600 mm	8GK6735-6KK23	—	—
		■	—	200 mm	600 mm	—	—	8GK6734-4KK23
				400 mm	600 mm	—	8GK6737-6KK23	—
					900 mm	—	8GK6737-6KK33	—
				600 mm	600 mm	8GK6736-6KK23	—	—
		5	—	200 mm	900 mm	—	—	8GK6731-2KK33
				400 mm	900 mm	—	—	8GK6730-4KK33
				200 mm	900 mm	—	—	8GK6734-4KK33
				600 mm	900 mm	8GK6736-6KK33	—	—
3VA12..	250 A	1	—	400 mm	300 mm	—	—	8GK6721-4KK13
				600 mm	250 mm	8GK6732-6KK13	—	8GK6730-6KK13
		3	—		300 mm	—	8GK6722-6KK13	8GK6721-6KK13
				400 mm	600 mm	—	—	8GK6721-4KK23
				600 mm	600 mm	—	8GK6724-6KK23	8GK6721-6KK23
				400 mm	600 mm	—	—	8GK6722-6KK23
		5	—	600 mm	600 mm	—	8GK6723-6KK23	—
				400 mm	900 mm	—	—	8GK6721-4KK33
				600 mm	900 mm	—	8GK6724-6KK33	8GK6721-6KK33
				400 mm	900 mm	—	—	8GK6722-6KK33
		■	—	600 mm	900 mm	—	8GK6723-6KK33	—
3VA20.. and 3VA22..	100 A / 250 A	1	—	400 mm	300 mm	—	—	8GK6720-4KK13
				600 mm	300 mm	8GK6725-6KK13	—	—
		3	—	400 mm	600 mm	—	—	8GK6720-4KK23
				600 mm	600 mm	8GK6725-6KK23	—	—
		5	—	400 mm	600 mm	—	—	8GK6724-4KK23
				400 mm	900 mm	—	—	8GK6720-4KK33
				600 mm	900 mm	8GK6725-6KK33	—	—
				400 mm	900 mm	—	—	8GK6724-4KK33
3VA23.. and 3VA24..	400 A / 630 A	1	—	600 mm	300 mm	—	—	8GK6740-6KK13
		2	—	600 mm	600 mm	8GK6745-6KK23	—	8GK6740-6KK23
		3	—	600 mm	900 mm	8GK6745-6KK33	—	8GK6740-6KK33

Assembly kits

For 3VL molded case circuit breakers



Switches			Distribution board						
Type	Version	No. of	Height outside	Width outside					
VL160X – VL160 – VL250	Max. 250 A	1	200 mm	300 mm ²⁾	8GK6711-2KK13	–			
			400 mm	250 mm ¹⁾	–	8GK6710-4KK13			
				300 mm ²⁾	–	8GK6711-4KK13			
		3	200 mm	600 mm	8GK6710-2KK23	–			
			400 mm	600 mm	–	8GK6710-4KK23			
		5	200 mm	900 mm	8GK6710-2KK33	–			
			400 mm	900 mm	–	8GK6710-4KK33			
		With rotary operating mechanism	3	200 mm	600 mm	8GK6711-2KK23	–		
			5	200 mm	900 mm	8GK6701-2KK33	–		
		VL160X	With interconnected residual current operated circuit breaker	1	300 mm	600 mm	–	8GK6710-3KK23	
	900 mm				–	8GK6710-3KK33			
	With residual current operated circuit breaker mounted anderneath		1	400 mm	250 mm ¹⁾	–	8GK6725-4KK13		
				600 mm	250 mm ¹⁾	–	8GK6713-4KK13		
	3		200 mm	600 mm	8GK6712-2KK23	–			
			600 mm	600 mm	–	8GK6710-6KK23			
5	200 mm		900 mm	8GK6704-2KK33	–				
	600 mm		900 mm	–	8GK6710-6KK33				
VL160 – VL250	With residual current operated circuit breaker mounted anderneath	1	400 mm	250 mm ¹⁾	–	8GK6726-4KK13			
			600 mm	250 mm ¹⁾	–	8GK6712-4KK13			
		3	200 mm	600 mm	8GK6713-2KK23	–			
			600 mm	600 mm	–	8GK6711-6KK23			
		5	200 mm	900 mm	8GK6705-2KK33	–			
			600 mm	900 mm	–	8GK6711-6KK33			
		VL400	Max. 400 A	1	200 mm	600 mm	8GK6714-2KK23	–	
					600 mm	250 mm ¹⁾	–	8GK6710-6KK13	
	300 mm ²⁾				–	8GK6723-6KK13			
	600 mm				–	8GK6712-6KK23			
2	200 mm			900 mm	8GK6706-2KK33	–			
	600 mm			900 mm	–	8GK6712-6KK33			
With residual current operated circuit breaker mounted anderneath	1			200 mm	600 mm	8GK6715-2KK23	–		
				600 mm	250 mm ¹⁾	–	8GK6712-6KK13		
2				300 mm ²⁾	–	8GK6727-6KK13			
				600 mm	–	8GK6713-6KK23			
	200 mm		900 mm	8GK6707-2KK33	–				
	600 mm		900 mm	–	8GK6713-6KK33				
VL630	Max. 630 A		1	400 mm	600 mm	8GK6715-4KK23	–		
					900 mm	8GK6715-4KK33	–		
				600 mm	250 mm ¹⁾	–	8GK6711-6KK13		
				300 mm ²⁾	–	8GK6724-6KK13			
				600 mm	–	8GK6714-6KK23			
				900 mm	–	8GK6714-6KK33			
			VL800	Max. 800 A (for ALPHA 800 UNIVERSAL only)	1	600 mm	600 mm	–	8GK6700-6KK24
							900 mm	–	8GK6700-6KK34

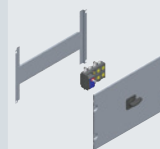
¹⁾ The assembly kits for 3VL molded case circuit breakers have a cover with a cutout and are designed to accommodate the installation of both 3 and 4-pole circuit breakers. If installing 3-pole circuit breakers, we recommend that you do not leave the cutout open but cover it with blanking strip 8GK9910-0KK00. For further details, please refer to the mounting instructions at: <http://support.automation.siemens.com/WW/view/en/53477794/130000>

²⁾ In order to install assembly kits in the cubicles width 300 mm of the ALPHA 630 UNIVERSAL, you must order the following inner supports: 8GK9126-8KK03 (height 1600 mm), 8GK9126-8KK04 (height 1800 mm) and 8GK9126-8KK05 (height 2000 mm). In order to use cubicle width 300 mm in the ALPHA 800 UNIVERSAL as a switchgear compartment, you must order the following side supports: 8GK6850-0KK02 (height 1600 mm), 8GK6850-0KK03 (height 1800 mm) and 8GK6850-0KK04 (height 2000 mm).

Assembly kits

For 3KA7 switch disconnectors

Vertical



Switches Type	Description	No. of	Distribution board			
			Height outside	Width outside	Depth	
3KA7	3KA711 size 1 max. 125 A	1	200 mm	600 mm	–	8GK6400-2KK20
			400 mm	250 mm ¹⁾	–	8GK6400-4KK10
				300 mm ²⁾	–	8GK6400-4KK11
	3KA712 size 2 max. 250 A	3	200 mm	900 mm	–	8GK6400-2KK30
			400 mm	250 mm ¹⁾	–	8GK6401-4KK10
				300 mm ²⁾	–	8GK6401-4KK12
	3KA713 size 3 max. 400 A	1	400 mm	600 mm	–	8GK6400-4KK20
				900 mm	–	8GK6400-4KK30
			400 mm	900 mm	–	8GK6401-4KK20
			400 mm	900 mm	–	8GK6400-4KK31
3KA7 / 3KL7	3KA7/3KL711 size 1 max. 125 A	1	400 mm	250 mm	250 mm	8GK6430-4KK03
				300 mm	250 mm	8GK6430-4KK14
				900 mm	250 mm	8GK6430-4KK24
	3KA7/3KL712 size 2 max. 250 A	1	400 mm	250 mm	400 mm	8GK6431-4KK04
				300 mm	400 mm	8GK6431-4KK14
				900 mm	250 mm	8GK6431-4KK34
	3KA7/3KL713 size 3 max. 400 A	1	400 mm	600 mm	400 mm	8GK6432-4KK24
				900 mm	400 mm	8GK6432-4KK34
				900 mm	400 mm	8GK6433-4KK24
	3KA7/3KL714 size 4 max. 630 A	1	400 mm	600 mm	400 mm	8GK6433-4KK34
				900 mm	400 mm	8GK6433-4KK34
				900 mm	400 mm	8GK6433-4KK34

¹⁾ In order to use box width 250 mm in the ALPHA 630 UNIVERSAL as a switchgear compartment, the following mounting rails (pair) are required:

8GF9655 (height 1000 mm),
8GF9656 (height 1200 mm),
8GF9650 (height 1600 mm),
8GF9658 (height 1800 mm),
8GF9654 (height 2000 mm).

In order to use box width 250 mm in the ALPHA 800 UNIVERSAL as a switchgear compartment, you must order side supports and, for each assembly kit, a pair of crossbars 8GK9920-OKK01.

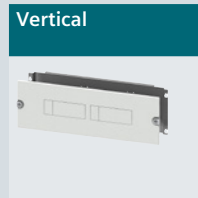
²⁾ In order to use cubicle width 300 mm in the ALPHA 630 UNIVERSAL as a switchgear compartment, you require the following inner supports:

8GK9126-8KK03 (height 1600 mm),
8GK9126-8KK04 (height 1800 mm),
8GK9126-8KK05 (height 2000 mm).

In order to use cubicle width 300 mm in the ALPHA 800 UNIVERSAL as a switchgear compartment, you must order the following side supports:

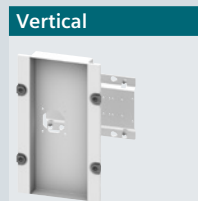
8GK6850-OKK02 (height 1600 mm),
8GK6850-OKK03 (height 1800 mm),
8GK6850-OKK04 (height 2000 mm).

For 3KF switch disconnectors with fuses



Switches Type	Rated current	Operating mechanism in center	Door-coupling rotary operating mechanism	Distribution board			
				Height	Width	Depth	
2× 3KF1	80 A	■	–	200 mm	600 mm	250 mm	8GK6431-2KK23
					900 mm	250 mm	8GK6431-2KK33
2× 3KF2	160 A	■	–	200 mm	600 mm	250 mm	8GK6432-2KK23
					900 mm	250 mm	8GK6432-2KK33
2× 3KF1 / 3KF2 or 1× 3KF3 / 3KF4	400 A	–	■	400 mm	600 mm	400 mm	8GK6431-4KK33
					900 mm	400 mm	8GK6432-4KK33

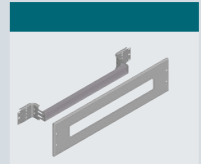
For 3KD switch disconnectors



Switches Size	Rated current	No. of	Door-coupling rotary operating mechanism	Distribution board		
				Height outside	Width outside	
1 / 2 / 3	63 A / 250 A / 400 A	1 / 1	■	400 mm	250 mm	8GK6430-4KK13
1 / 2 / 3 / 4	63 A / 250 A / 400 A / 630 A	2 / 1	■	400 mm	600 mm	8GK6430-4KK23
1 / 2 / 3 / 4	63 A / 250 A / 400 A / 630 A	2	■	400 mm	900 mm	8GK6430-4KK33

Assembly kits

For modular installation devices



Switches No. of tiers	MW	Distribution board Height outside	Width outside	
1	12	200 mm	300 mm	8GK6352-2KK13
	24	150 mm	600 mm	8GK6302-1KK23
		200 mm	600 mm	8GK6352-2KK23
	36	150 mm	900 mm	8GK6302-1KK33
		200 mm	900 mm	8GK6352-2KK33

Accessories

Standard mounting rails

	Version	Width	No. of tiers	Article No.
	For mounting modular devices at various depths	600 mm	1	8GF9670
		900 mm	1	8GF9671

Depth adapters 9 mm

	Version	Width	No. of tiers	MW	Article No.
	For linking 5SY and 5SJ on standard mounting rails, L 360 mm ²⁾	600 mm	1	20	8GF9670-1

For front cover with cutout



Switches No. of tiers	MW	Distribution board Height outside	Width outside	
1	24	150 mm	600 mm	8GK9608-1KK22
	24	200 mm	600 mm	8GK9608-1KK20
	36	150 mm	900 mm	8GK9608-1KK32
		200 mm	900 mm	8GK9608-1KK30
2	48	300 mm	600 mm	8GK9608-2KK22
		400 mm	600 mm	8GK9608-2KK20
	72	300 mm	900 mm	8GK9608-2KK32
		400 mm	900 mm	8GK9608-2KK30
		450 mm	600 mm	8GK9608-3KK22
		600 mm	600 mm	8GK9608-4KK20
	108	600 mm	900 mm	8GK9608-4KK30

Accessories

Standard mounting rails

	Version	Width	No. of tiers	Article No.
	For mounting modular devices at various depths	600 mm	1	8GF9670
		900 mm	1	8GF9671

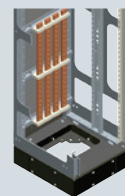
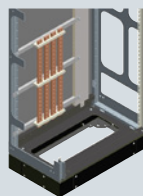
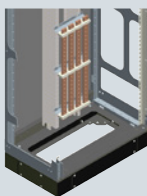
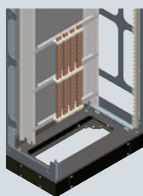
Depth adapters 9 mm

	Version	Width	No. of tiers	MW	Article No.
	For linking 5SY and 5SJ on standard mounting rails, L 360 mm ²⁾	600 mm	1	20	8GF9670-1

Busbars

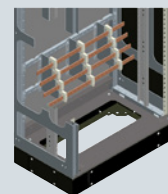
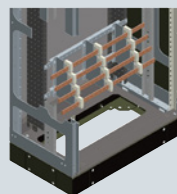
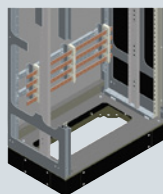
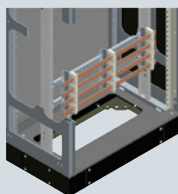
For ALPHA 800 / 630 UNIVERSAL distribution boards

Vertical installation of rear busbars (single bars only)



Version		Width 600/900 mm	For a spacing of 150 mm, width 600/900 mm	Recessed, width 600/900 mm	Width 300 mm	Recessed, width 300 mm
Busbar supports:		8GF5764/65 (width 600 mm) 8GF5766/67 (width 900 mm)	8GF5762/63	8GF5764/65 (width 600 mm) 8GF5766/67 (width 900 mm)	8GF5768/70	8GF5768/70
Supplements:	Rear universal supports	8GK6850-0KK05 /06 (2 units)	8GK6850-0KK05 /06 (2 units)	8GK6850-0KK05 /06 (1 unit)	–	–

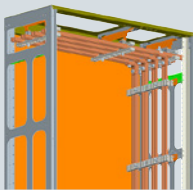
Horizontal busbars (single bars only)



Version		Front	Recessed	At front, with steps	Recessed, with steps
Busbar supports:		8GF5762/63	8GF5762/63	8GF5760/61	8GF5760/61
Supplements:	Support plate	8GF9652 (width 600 mm) 8GF9653 (width 900 mm)	8GF9652 (width 600 mm) 8GF9653 (width 900 mm)	8GK9920-0KK35 (width 600 mm) 8GK9920-0KK36 (width 900 mm)	8GF9652 (width 600 mm) 8GF9653 (width 900 mm)
	Rear universal supports	–	–	8GK6850-0KK05 /06 (2 units)	–

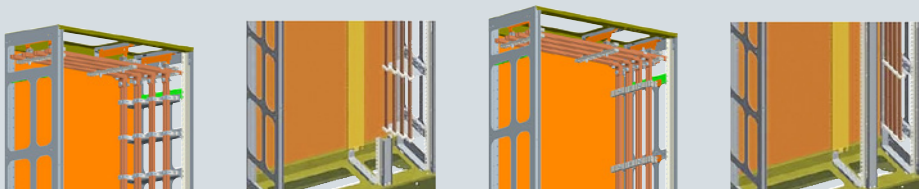
For ALPHA 800 UNIVERSAL distribution boards

Horizontal busbars at top (double bars only)



Version		
Busbar supports	With support plate	8GK9750-0KK02
	Without support plate	8PQ4000-1BA12
Supplements	If there is no support 8GK9750-0KK02 mounted onto the side of the cabling compartment, you will need to order an upper crossbar 8GK6850-0KK00.	

Vertical busbars, for sides



Version		Double busbar with steps	Single busbar with steps	Double busbar	Busbar
Busbar supports:		8GK9750-0KK01	8GF5760/61	8GK9750-0KK02	8GF5762/63
Supplements	Lateral crossbar	8GK6850-0KK01	8GK6850-0KK01	8GK6850-0KK01	8GK6850-0KK01

Busbars

			ALPHA 630	ALPHA 800
Copper busbars				
	Busbar cross-section	Length	Article No.	Article No.
	15 x 5	2000 mm	8GF5751	8GF5751
		1300 mm	8GF5771	8GF5771
	20 x 5	2000 mm	8GF5737	8GF5737
		1300 mm	8GF5772	8GF5772
	30 x 5	2000 mm	8GF5742	8GF5742
		1300 mm	8GF5773	8GF5773
	30 x 10	2000 mm	8GF5752	8GF5752
		1300 mm	8GF5774	8GF5774

Copper grounding bars				
	Busbar cross-section	Length	Width	Article No.
	20 × 5	1300/2000 mm	600 mm	8GK9920-0KK10
			900 mm	8GK9920-0KK13

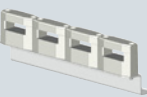
Busbar supports

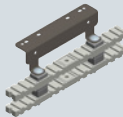
Busbar supports					ALPHA 630	ALPHA 800
Vertical at side / horizontal, at front, graded						
	Busbar cross-section	Width	Number of poles	Busbar center-to-center spacing	Article No.	Article No.
	15/20/30 × 5	600/900 mm	4-pole	50 mm	8GF5760	8GF5760
	30 × 10	600/900 mm	4-pole	50 mm	8GF5761	8GF5761
	15/20/30 × 10	600/900 mm	4-pole	50 mm	—	8GK9750-0KK01
	20/30 × 10	600/900 mm	4-pole	50 mm	—	8GK9750-0KK02

Vertical						
	Busbar cross-section	Width	Number of poles		Article No.	Article No.
	15/20/30 × 5	300 mm	4-pole	50 mm	8GF5768	8GF5768
	30 × 10	300 mm	4-pole	50 mm	8GF5770	8GF5770

Vertical at rear						
	Busbar cross-section	Width	Number of poles		Article No.	Article No.
	15/20/30 × 5	600 mm	4-pole	50 mm	8GF5764	8GF5764
		900 mm	4-pole	50 mm	8GF5766	8GF5766
	30 × 10	600 mm	4-pole	50 mm	8GF5765	8GF5765
		900 mm	4-pole	50 mm	8GF5767	8GF5767

Horizontal, at front¹⁾

	Busbar cross-section	Width	Number of poles		Article No.	Article No.
	15/20/30 x 5	300/600/900 mm	4-pole	50 mm	8GF5762	8GF5762
	30 x 10	300/600/900 mm	4-pole	50 mm	8GF5763	8GF5763
		600/900 mm	4-pole	50 mm	—	8GK9608-1KK22

Horizontal, at top				
	Busbar cross-section	Number of poles	Article No.	Article No.
	20/30 × 10	4-pole	50 mm	–
				8GK9750-0KK02
				8PQ4000-1BA12

¹⁾ Can be mounted directly on equipment racks with a clearance of 525 mm (width 600 mm) and 825 mm (width 900 mm).

Further accessories

ALPHA 630

ALPHA 800

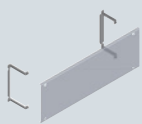
Set of screws/bolts for slotted bars

	Cross-section	Outer thread	Tightening torque	Article No.	Article No.
	15/20/30 × 5	M6	8 Nm	8GF5891	8GF5891
	30 × 10	M8	20 Nm	8GF5892	8GF5892

Crossbars for installation of support

	Version	Width	Article No.	Article No.
	For 8GF5762, 8GF5760, 8GF5763, 8GK9608-1KK22	600 mm	8GF9652	8GF9652
		900 mm	8GF9653	8GF9653
	For 8GF5760	600 mm	8GK9920-0KK35	8GK9920-0KK35
		900 mm	8GK9920-0KK36	8GK9920-0KK36
	For 8GK9750-0KK02	400 mm	–	8GK6850-0KK00
	For 8GF5760, 8GF5768, 8GF5761, 8GF5770, 8GK9750-0KK01, 8GK9750-0KK02	400 mm	–	8GK6850-0KK01

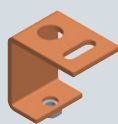
Transparent cover

	Version	Width	Article No.	Article No.
	For horizontal busbars, at front	600 mm	8GK9920-0KK37	8GK9920-0KK37
		900 mm	8GK9920-0KK38	8GK9920-0KK38

Connecting kit for double bars

	Version	Current	Article No.	Article No.
	Connecting kit for upper horizontal bars – vertical busbars	800 A	–	8GK9790-0KK00
	Connecting kit for upper horizontal busbars	800 A	–	8GK9790-0KK01

Holder for grounding bar

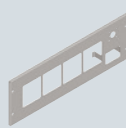
	Article No.	Article No.
	–	8GK9750-0KK00

Accessories

Covers and holders

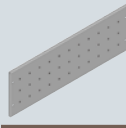
125 630 800

Covers for mounting measuring instruments



Measuring devices	Type	Height	Width	Article No.			
72 × 72	2 instruments + 2 selectors	200 mm	600 mm	8GK9610-1KK20	■	■	■
			900 mm	8GK9610-1KK30	■	■	■
	4 instruments + 1 selector	200 mm	600 mm	8GK9611-1KK20	■	■	■
			900 mm	8GK9611-1KK30	■	■	■
96 × 96	2 instruments + 2 selectors	200 mm	600 mm	8GK9612-1KK20	■	■	■
			900 mm	8GK9612-1KK30	■	■	■
	4 instruments + 1 selector	200 mm	600 mm	8GK9613-1KK20	■	■	■
			900 mm	8GK9613-1KK30	■	■	■

Covers for pushbuttons and indicator lights



Height	Width	Article No.			
200 mm	600 mm	8GK9630-1KK20	■	■	■
	900 mm	8GK9631-1KK20	■	■	■

Non-transparent covers



Height	Width	Article No.			
50 mm	600 mm	8GK9620-1KK20	■	■	■
	900 mm	8GK9620-1KK30	■	■	■
100 mm	600 mm	8GK9621-1KK20	■	■	■
	900 mm	8GK9621-1KK30	■	■	■
150 mm	600 mm	8GK9622-1KK20	■	■	■
	900 mm	8GK9622-1KK30	■	■	■
200 mm	300 mm	8GK9607-1KK10	■	■	■
	600 mm	8GK9623-1KK20	■	■	■
	900 mm	8GK9623-1KK30	■	■	■
400 mm	250 mm	8GK9606-2KK10	■	■	■
	300 mm	8GK9607-2KK10	■	■	■
	600 mm	8GK9622-2KK20	■	■	■
	900 mm	8GK9622-2KK30	■	■	■
600 mm	250 mm	8GK9606-4KK10	■	■	■
	300 mm	8GK9607-4KK10	■	■	■
	600 mm	8GK9622-4KK20	■	■	■
	900 mm	8GK9622-4KK30	■	■	■
800 mm	250 mm	8GK9606-5KK10	■	■	■
	300 mm	8GK9607-5KK10	■	■	■
	600 mm	8GK9622-5KK20	■	■	■
	900 mm	8GK9622-5KK30	■	■	■
1000 mm	250 mm	8GK9606-7KK10	■	■	■
	300 mm	8GK9607-7KK10	■	■	■

Deep-drawn covers 25 mm

Height	Width	Article No.			
800 mm	600 mm	8GK9635-5KK20	■	■	■
	900 mm	8GK9635-5KK30	■	■	■
1000 mm	600 mm	8GK9636-7KK20	■	■	■
	900 mm	8GK9636-7KK30	■	■	■

Deep-drawn front covers 35 mm

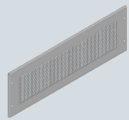


Height	Width	Article No.			
200 mm	600 mm	8GK9605-1KK20	■	■	■
	900 mm	8GK9605-1KK30	■	■	■
400 mm	600 mm	8GK9605-2KK20	■	■	■
	900 mm	8GK9605-2KK30	■	■	■
600 mm	600 mm	8GK9605-4KK20	■	■	■
	900 mm	8GK9605-4KK30	■	■	■

Covers and holders

125 630 800

Covers with ventilation openings IP30



Height	Width	Article No.			
200 mm	600 mm	8GK9632-1KK20	■	■	■
	900 mm	8GK9633-1KK20	■	■	■

Holders for horizontal cable ducts / horizontal busbars (pair)



Width	Article No.			
600 mm	8GF9652	■	■	■
900 mm	8GF9653	■	■	■

Horizontal crossbars with steps (pair)



Width	Article No.			
600 mm	8GK9920-0KK35	■	■	■
900 mm	8GK9920-0KK36	■	■	■

Support rails (pair)



- ALPHA 630 UNIVERSAL vertical/horizontal busbar support, with steps
- Vertical side terminal strip (not suitable for use in ALPHA 800 UNIVERSAL)

Height	Article No.			
1000 mm	8GF9655	■	■	■
1200 mm	8GF9656	■	■	■
1600 mm	8GF9650	■	■	■
1800 mm	8GF9658	■	■	■
2000 mm	8GF9654	■	■	■

Inner supports



- For using cubicle B 300 as a switchgear compartment in ALPHA 630 UNIVERSAL (not suitable for use in ALPHA 800 UNIVERSAL)

Height	Article No.			
1600 mm	8GK9126-8KK03	■	■	■
1800 mm	8GK9126-8KK04	■	■	■
2000 mm	8GK9126-8KK05	■	■	■

Accessories

Mounting plates and inner subdivisions

125 630 800

Modular mounting plates

- ALPHA 800 UNIVERSAL: for mounting on side supports or on the base of the cabinet



Height	Width	Article No.			
200 mm	600 mm	8GF7155	■	■	■
	900 mm	8GF7158	■	■	■
400 mm	600 mm	8GF7156	■	■	■
	900 mm	8GF7160	■	■	■
600 mm	600 mm	8GF7157	■	■	■
	900 mm	8GF7161	■	■	■

Recessed modular mounting plates

- ALPHA 800 UNIVERSAL: for mounting on two rear supports or on the rear panel of the cabinet with one rear support



Height	Width	Article No.			
200 mm	600 mm	8GF9676	■	■	■
	900 mm	8GF9680	■	■	■
400 mm	600 mm	8GF9677	■	■	■
	900 mm	8GF9681	■	■	■
600 mm	600 mm	8GF9678	■	■	■
	900 mm	8GF9682	■	■	■

2 mm mounting plates for electrotechnical use with height and width of the cabinet

- ALPHA 800 UNIVERSAL: Plates that are not as high as the cabinet can be mounted using side supports and holders 8GF9652/3



Height	Width	Article No.			
600 mm	600 mm	8GK9535-4KK21	■	■	■
800 mm	600 mm	8GK9535-5KK21	■	■	■
1000 mm	600 mm	8GK9536-7KK21	■	■	■
	900 mm	8GK9536-7KK31	■	■	■
1200 mm	600 mm	8GK9537-8KK21	■	■	■
	900 mm	8GK9537-8KK31	■	■	■
1600 mm	600 mm	8GK9535-8KK23	■	■	■
	900 mm	8GK9535-8KK26	■	■	■
1800 mm	600 mm	8GK9535-8KK24	■	■	■
	900 mm	8GK9535-8KK34	■	■	■
2000 mm	600 mm	8GK9535-8KK25	■	■	■
	900 mm	8GK9535-8KK35	■	■	■

Adjustable depth brackets for mounting plates



Distribution board depth	Article No.			
250 mm	8GK9930-0KK03		■	

Partitions for ALPHA 630 UNIVERSAL

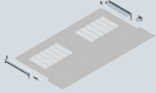


Mounting	Height	Width	Article No.		
Horizontal	–	250 mm	8GK9525-0KK03		■
	–	300 mm	8GK9525-0KK13		■
	–	600 mm	8GK9525-0KK23		■
	–	900 mm	8GK9525-0KK33		■
Vertical	800 mm	–	8GK9525-5KK03		■
	1000 mm	–	8GK9525-6KK03		■
	1200 mm	–	8GK9525-7KK03		■
	1600 mm	–	8GK9525-8KK03		■
	1800 mm	–	8GK9525-8KK13		■
	2000 mm	–	8GK9525-8KK23		■

Mounting plates and inner subdivisions

125 630 800

Partitions for ALPHA 800 UNIVERSAL incabinets in form 2b

Mounting	Height	Width	Article No.			
	Horizontal subdivisions between devices	–	300 mm	8GK9526-0KK06		■
		–	600 mm	8GK9526-0KK07		■
		–	900 mm	8GK9526-0KK08		■
	Horizontal subdivisions between upper busbar compartment and devices	–	250 mm	8GK9527-0KK05		■
		–	300 mm	8GK9526-0KK03		■
		–	600 mm	8GK9526-0KK04		■
		–	900 mm	8GK9526-0KK05		■
	Vertical subdivisions between the switchgear compartment and busbar compartment	1600 mm	600 mm	8GK9526-0KK00		■
		1800 mm	600 mm	8GK9526-0KK01		■
		2000 mm	600 mm	8GK9526-0KK02		■

Transparent covers

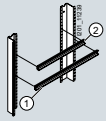
Width	Article No.			
250 mm	8GK9527-0KK03	■	■	■
300 mm	8GK9527-0KK00	■	■	■
600 mm	8GK9527-0KK01	■	■	■
900 mm	8GK9527-0KK02	■	■	■

Accessories

Holders for terminal strips and locking systems

125 630 800

Standard mounting rails for terminal blocks



Version	Height	Width	Article No.			
Horizontal	–	600 mm	8GF9672	■	■	■
	–	900 mm	8GF9674	■	■	■
Horizontal, recessed	–	600 mm	8GF9673	■	■	■
	–	900 mm	8GF9675	■	■	■
Vertical with 3 mounting rails	200 mm	600 mm	8GF7175	■	■	■
	400 mm	600 mm	8GF7176	■	■	■
Vertical with 5 mounting rails	–	900 mm	8GF7178	■	■	■
	400 mm	900 mm	8GF7180	■	■	■

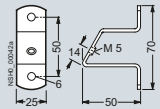
Holder for vertical terminal strips in side compartment L = 900 mm



- ALPHA 800 UNIVERSAL: Each holder must be mounted onto a lateral crossbar

Width	Article No.			
600/900 mm	8GF9683	■	■	■

Mounting brackets



Version	Width	Article No.			
For angular mounting of the terminal blocks	600/900 mm	8WA746	■	■	■

Holders for standard mounting rails

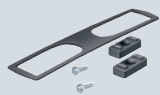
Version	Scope of supply	Width	Article No.			
For mounting the terminal strip vertically in the cabling compartment	4 units	600/900 mm	8GK9920-0KK28	■	■	■

Standard locking devices for wall-mounted distribution boards



Material	Width	Article No.			
Made of plastic, black (spare part)	600/900 mm	8GK9560-0KK04	■	■	■

Seals for standard locking devices



Degree of protection	Width	Article No.			
IP55	600/900 mm	8GK9560-0KK05	■	■	■

Rotary handle locking mechanism



- For wall-mounted distribution boards, IP43 and IP55, semicylinder insert possible for E012

Width	Article No.			
600/900 mm	8GK9560-0KK06	■	■	■

Profile semicylinders E012

- Insert and key



Width	Article No.			
600/900 mm	8GK9560-0KK07	■	■	■

Locking systems for floor-mounted distribution boards



Version	Width	Article No.			
Espagnolette lock with pushbutton (replacement part)	600/900 mm	8GK9561-0KK01	■	■	■
Insert for profile semicylinder with key	600/900 mm	8GK9561-0KK02	■	■	■
Profile semicylinder, 40 mm with lock E012 (for use only with espagnolette lock)	600/900 mm	8GK9561-0KK00	■	■	■

Further accessories

125 630 800

Assembly kit for mounting flat pack cabinets for self-assembly, IP43

	Height	Article No.			
	400 mm	8GK9126-3KK00	■	■	■
	600 mm	8GK9126-4KK00	■	■	■
	800 mm	8GK9126-5KK00	■	■	■
	1000 mm	8GK9126-6KK00	■	■	■
	1200 mm	8GK9126-7KK00	■	■	■
	1600 mm	8GK9126-8KK00	■	■	■
	1800 mm	8GK9126-8KK01	■	■	■
	2000 mm	8GK9126-8KK02	■	■	■

Z-shaped crossbar for lifting the flat pack for self-assembly

	Height	Article No.			
	600 mm	8GK9127-0KK01	■	■	■
	900 mm	8GK9127-0KK02	■	■	■
	1200 mm	8GK9127-0KK03	■	■	■
	1500 mm	8GK9127-0KK04	■	■	■
	1800 mm	8GK9127-0KK05	■	■	■

Z-shaped crossbar for mounting and vertical linking of wall-mounted distribution boards

	Height	Article No.			
	1200 mm	8GK9920-0KK43	■	■	■
	1400 mm	8GK9920-0KK44	■	■	■
	1600 mm	8GK9920-0KK45	■	■	■
	1800 mm	8GK9920-0KK46	■	■	■

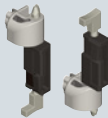
Flange plates for flat pack delivery (optional)

	Height	Article No.			
	300 mm	8GK9120-0KK10	■	■	■
	600 mm	8GK9120-0KK20	■	■	■

Ventilation grilles – side panels

	Scope of supply	Article No.			
	4 units	8GK9120-0KK30	■	■	■

Replacement hinges for doors for wall/floor-mounted distribution boards

	Scope of supply	Article No.			
	2 units	8GK9920-0KK24	■	■	■

Hinges for front covers

	Scope of supply	Article No.			
	10 units	8GK9120-0KK11	■	■	■

Hinges for covers

	Article No.			
	8PQ2000-0BA08	■	■	■

Accessories

Further accessories

125 630 800

Quick-lock screws for ALPHA cabinets with ¼ turn



Scope of supply

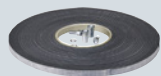
20 units

Article No.

8GK9562-0KK00

■ ■ ■

Mounting kit for modular distribution boards, IP55 (incl. seal)



Article No.

8GK9920-0KK31

■ ■ ■

Self-tapping screws M6 × 10



Scope of supply

10 units

Article No.

8GF9662

■ ■ ■

Captive nuts M6

Scope of supply

100 units

Article No.

8GF9643

■ ■ ■

Transport eyebolts



Scope of supply

4 units

Article No.

8GF9660

■ ■ ■

Key for double-bit interlocking mechanism



Article No.

8GD9290

■ ■ ■

Siemens nameplate



Material

Aluminum

Version

Self-adhesive

Color

Petrol

Article No.

8GD9084

■ ■ ■

Sticker, foil

Self-adhesive

Petrol

8GF9661

■ ■ ■

Circuit diagram pockets



Versions

DIN A3, made of sheet steel

Depth

10 mm

Article No.

8GK9910-0KK22

■ ■ ■

DIN A4, transparent sleeve, adhered all-over

10 mm

8GK9910-0KK23

■ ■ ■

DIN A4, made of plastic

30 mm

8GD9132

■ ■ ■

DIN A4, large pack, made of plastic

30 mm

8GK9910-1KK24

■ ■ ■

Blanking cover for modular installation devices



Version

For 12 modular widths (1 MW=18 mm)

Article No.

8GK9910-0KK00

■ ■ ■

Cover strips



Length

1 m

Article No.

8GK9910-0KK01

■ ■ ■

Spare brackets for flat pack assembly

Scope of supply

2 units

Article No.

8GK9920-0KK26

■ ■ ■

Failsafe kit ALPHA

- Thread-forming tapping screws, captive nuts, hinges for covers, covers etc.

Article No.

8GK9920-0KK32

■ ■ ■

Wall-mounting brackets

Article No.

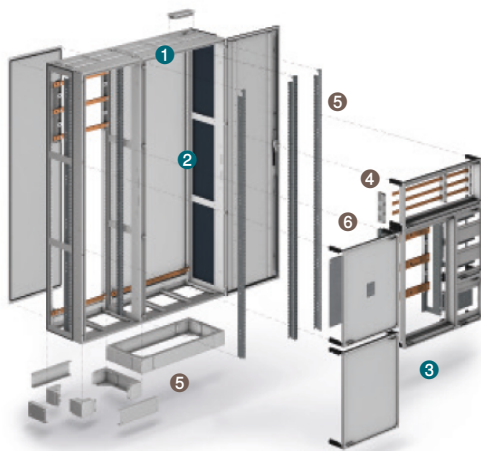
8GK9920-0KK33

■ ■ ■

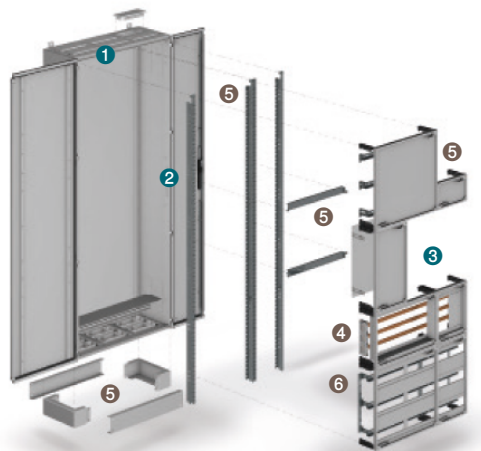
ALPHA system overview

Distribution boards, assembly kits and accessories

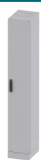
ALPHA 1250



ALPHA 630



1 Unequipped distribution boards



ALPHA 1250



ALPHA 630



ALPHA 630



ALPHA 400

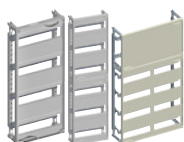


ALPHA 160



ALPHA SIMBOX XL and WP

2 Quick-assembly kits



ALPHA 1250 / 630 / 400

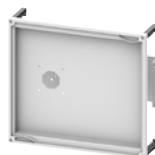


ALPHA 160

3 Assembly kits

For modular
installation devices

For terminal blocks

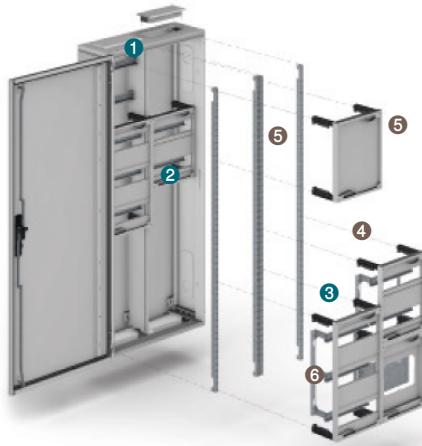
For fuse switch
disconnectorsFor switch
disconnectorsFor molded case
circuit breakers

For busbar-adaptable units

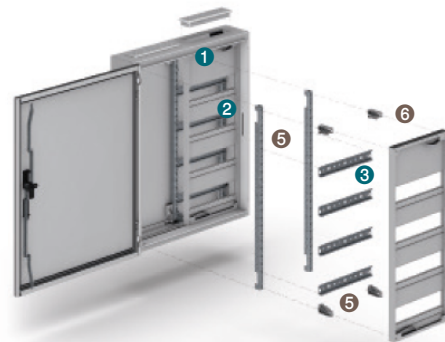
Note:

You will find a detailed range of accessories with the basic units and in the Accessories section.

ALPHA 400



ALPHA 160



4 Busbars



Cu busbars

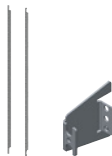


Busbar supports

5 Mechanical accessories



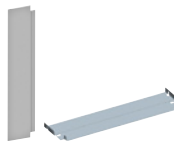
Bases



Stays



Crossbars



Partitions



Front covers



Locking system

6 Electrical accessories



N and PE terminals



Connection terminals



N/PE bars



Flanges



Cable entries



Cable holders

Note:

You will find a detailed range of accessories with the basic units and in the Accessories section.

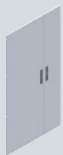
ALPHA 1250 floor-mounted distribution boards

Rated current 1250 A

		Unequipped distribution boards With open side panel	Unequipped distribution boards for isolating transformers	
Degree of protection		IP55	IP30	IP30
				
Width		Safety class I	Safety class I	Safety class I
Outside	Inside			
300 mm	250 mm	8GK1423-8KK15	8GK1483-8KP15	8GK1483-8KN15
550 mm	500 mm	8GK1423-8KK25	8GK1483-8KP25	8GK1483-8KN25
800 mm	750 mm	8GK1423-8KK35	8GK1483-8KP35	8GK1483-8KN35
1050 mm	1000 mm	8GK1423-8KK45	8GK1483-8KP45	8GK1483-8KN45
1300 mm	1250 mm	8GK1423-8KK55	—	—

Accessories

Replacement doors



Height	Cubicle width	Door version	Door width	Article No.
1950 mm	300 mm	Complete	300 mm	8GK9513-8KK10
	550 mm	Complete	550 mm	8GK9513-8KK20
	800 mm	Left	525 mm	8GK9513-8KK30
		Right	275 mm	8GK9513-8KK40
	1050 mm	Left	525 mm	8GK9513-8KK30
		Right	525 mm	8GK9513-8KK50
	1300 mm	Left	775 mm	8GK9513-8KK60
		Right	525 mm	8GK9513-8KK50

Side panels, modular distribution board



Depth	Article No.
400 mm	8GK9520-0KK05

Assembly kits for masking frame for front cover



- For mounting the mounting stays at the rear of the modular distribution board

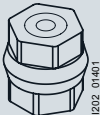
Height	Width	Article No.
1800 mm	250 mm	8GK9913-0KK10
	500 mm	8GK9913-0KK20
	750 mm	8GK9913-0KK30
	1000 mm	8GK9913-0KK40
	1250 mm	8GK9913-0KK50

Flange plates with rubber sleeve



- For lower flange opening (sheet steel closed)

Number of rubber sleeves	Article No.
1	8GK9100-0KK14
2	8GK9100-0KK15
3	8GK9100-0KK16
4	8GK9100-0KK17

Busbar supports			
	• Busbar spacing 100/185 mm		
	Version		Article No.
	With matching support plate for mounting on the rear panel		8GK9720-0KK00
	Without support plate for mounting on the busbar (no fixing to the cabinet enclosure)		8GK9720-0KK01
PEN bar holders and N/PE busbar supports			
	Version		Article No.
	PEN bar holder		8GK9721-0KK00
Pin insulator for N busbar			
	Version		Article No.
	1P with M10 female thread and holder		8GK9110-0KK00
Cross arm for N/PEN pin insulators and/or holders for PEN bars			
	Width		Article No.
	250 mm		8GK4854-0KK10
	500 mm		8GK4854-0KK20
	750 mm		8GK4854-0KK30
	1000 mm		8GK4854-0KK40
	1250 mm		8GK4854-0KK50
Longitudinal stays			
	Height	Depth	Article No.
	1800 mm	250/320/400 mm	8GK48538KK02

ALPHA 1250 marshaling boxes

Rated current 630 A

Marshaling boxes
Degree of protection IP43



Height Outside	Depth Outside	Width Outside	Inside	Safety class I
500 mm	400 mm	300 mm	250 mm	8GK1383-1KK15
		550 mm	500 mm	8GK1383-1KK25
		800 mm	750 mm	8GK1383-1KK35
		1050 mm	1000 mm	8GK1383-1KK45
		1300 mm	1250 mm	8GK1383-1KK55
650 mm	400 mm	300 mm	250 mm	8GK1383-2KK15
		550 mm	500 mm	8GK1383-2KK25
		800 mm	750 mm	8GK1383-2KK35
		1050 mm	1000 mm	8GK1383-2KK45
		1300 mm	1250 mm	8GK1383-2KK55

ALPHA 630 floor-mounted distribution boards

Rated current 630 A

Unequipped distribution boards
Welded and riveted

Degree of protection IP43



Height Outside	Inside	Depth Outside	Tiers/MW	Width Outside	Inside	Safety class I	Safety class II
1950 mm	1800 mm	210 mm	12/144	300 mm	250 mm	8GK1322-8KA12	8GK1332-8KA12
			24/288	550 mm	500 mm	8GK1322-8KA22	8GK1332-8KA22
			36/432	800 mm	750 mm	8GK1322-8KA32	8GK1332-8KA32
			48/576	1050 mm	1000 mm	8GK1322-8KA42	8GK1332-8KA42
			60/720	1300 mm	1250 mm	8GK1322-8KA52	8GK1332-8KA52
		250 mm	12/144	300 mm	250 mm	–	–
			24/288	550 mm	500 mm	–	–
			36/432	800 mm	750 mm	–	–
			48/576	1050 mm	1000 mm	–	–
			60/720	1300 mm	1250 mm	–	–
		320 mm	12/144	300 mm	250 mm	–	–
			24/288	550 mm	500 mm	–	–
			36/432	800 mm	750 mm	–	–
			48/576	1050 mm	1000 mm	–	–
			60/720	1300 mm	1250 mm	–	–

Accessories

Replacement doors

Height	Cubicle width	Door version	Door width	Article No.
1950 mm	300 mm	Complete	300 mm	8GK9513-8KK10
	550 mm	Complete	550 mm	8GK9513-8KK20
	800 mm	Left	525 mm	8GK9513-8KK30
		Right	275 mm	8GK9513-8KK40
	1050 mm	Left	525 mm	8GK9513-8KK30
		Right	525 mm	8GK9513-8KK50
	1300 mm	Left	775 mm	8GK9513-8KK60
		Right	525 mm	8GK9513-8KK50

Side panels, modular distribution board

Depth	Article No.
250/320 mm	8GK9520-0KK03

Assembly kits for masking frame for front cover

Height	Width	Article No.
1800 mm	250 mm	8GK9913-0KK10
	500 mm	8GK9913-0KK20
	750 mm	8GK9913-0KK30
	1000 mm	8GK9913-0KK40
	1250 mm	8GK9913-0KK50

With closed side panel		With open side panel	Flat pack	
IP55		IP55	IP43	
				
Safety class I	Safety class II	Safety class I	Safety class I	Safety class II
–	–	–	8GK1302-8KK12	8GK1312-8KK12
–	–	–	8GK1302-8KK22	8GK1312-8KK22
–	–	–	8GK1302-8KK32	8GK1312-8KK32
–	–	–	8GK1302-8KK42	8GK1312-8KK42
–	–	–	8GK1302-8KK52	8GK1312-8KK52
8GK1323-8KN13	8GK1333-8KN13	8GK1323-8KP13	–	–
8GK1323-8KN23	8GK1333-8KN23	8GK1323-8KP23	–	–
8GK1323-8KN33	8GK1333-8KN33	8GK1323-8KP33	–	–
8GK1323-8KN43	8GK1333-8KN43	8GK1323-8KP43	–	–
8GK1323-8KN53	8GK1333-8KN53	8GK1323-8KP53	–	–
8GK1323-8KN14	8GK1333-8KN14	8GK1323-8KP14	–	–
8GK1323-8KN24	8GK1333-8KN24	8GK1323-8KP24	–	–
8GK1323-8KN34	8GK1333-8KN34	8GK1323-8KP34	–	–
8GK1323-8KN44	8GK1333-8KN44	8GK1323-8KP44	–	–
8GK1323-8KN54	8GK1333-8KN54	8GK1323-8KP54	–	–

ALPHA 630 marshaling boxes

Rated current 630 A

				Marshaling boxes	
				Degree of protection IP43	IP55
					
Height Outside	Depth Outside	Width Outside	Inside	Safety class I	Safety class I
350 mm	210 mm ¹⁾	300 mm	250 mm	8GK1382-0KK12	–
		550 mm	500 mm	8GK1382-0KK22	–
		800 mm	750 mm	8GK1382-0KK32	–
		1050 mm	1000 mm	8GK1382-0KK42	–
		1300 mm	1250 mm	8GK1382-0KK52	–
	250 mm	300 mm	250 mm	–	8GK1383-0KK13
		550 mm	500 mm	–	8GK1383-0KK23
		800 mm	750 mm	–	8GK1383-0KK33
		1050 mm	1000 mm	–	8GK1383-0KK43
		1300 mm	1250 mm	–	8GK1383-0KK53
	320 mm	300 mm	250 mm	–	8GK1383-0KK14
		550 mm	500 mm	–	8GK1383-0KK24
		800 mm	750 mm	–	8GK1383-0KK34
		1050 mm	1000 mm	–	8GK1383-0KK44
		1300 mm	1250 mm	–	8GK1383-0KK54
400 mm	250 mm	300 mm	250 mm	–	8GK1383-1KK13
		550 mm	500 mm	–	8GK1383-1KK23
		800 mm	750 mm	–	8GK1383-1KK33
		1050 mm	1000 mm	–	8GK1383-1KK43
		1300 mm	1250 mm	–	8GK1383-1KK53
	320 mm	300 mm	250 mm	–	8GK1383-1KK14
		550 mm	500 mm	–	8GK1383-1KK24
		800 mm	750 mm	–	8GK1383-1KK34
		1050 mm	1000 mm	–	8GK1383-1KK44
		1300 mm	1250 mm	–	8GK1383-1KK54
600 mm	250 mm	300 mm	250 mm	–	8GK1383-2KK13
		550 mm	500 mm	–	8GK1383-2KK23
		800 mm	750 mm	–	8GK1383-2KK33
		1050 mm	1000 mm	–	8GK1383-2KK43
		1300 mm	1250 mm	–	8GK1383-2KK53
	320 mm	300 mm	250 mm	–	8GK1383-2KK14
		550 mm	500 mm	–	8GK1383-2KK24
		800 mm	750 mm	–	8GK1383-2KK34
		1050 mm	1000 mm	–	8GK1383-2KK44
		1300 mm	1250 mm	–	8GK1383-2KK54

¹⁾ For flat pack floor-mounted distribution boards only

ALPHA 400 distribution boards

Rated current 400 A

Surface-mounting distribution boards
Flat pack

Degree of protection IP43



Height Outside	Inside	Depth Outside	Tiers (MW = 18 mm)	Width Outside	Inside	Safety class I	Safety class II
500 mm	450 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	–	–
				550 mm	500 mm	–	–
650 mm	600 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-2KK12	8GK1112-2KK12
				550 mm	500 mm	8GK1102-2KK22	8GK1112-2KK22
				800 mm	750 mm	8GK1102-2KK32	8GK1112-2KK32
				1050 mm	1000 mm	8GK1102-2KK42	8GK1112-2KK42
800 mm	750 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-3KK12	8GK1112-3KK12
				550 mm	500 mm	8GK1102-3KK22	8GK1112-3KK22
				800 mm	750 mm	8GK1102-3KK32	8GK1112-3KK32
				1050 mm	1000 mm	8GK1102-3KK42	8GK1112-3KK42
950 mm	900 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-4KK12	8GK1112-4KK12
				550 mm	500 mm	8GK1102-4KK22	8GK1112-4KK22
				800 mm	750 mm	8GK1102-4KK32	8GK1112-4KK32
				1050 mm	1000 mm	8GK1102-4KK42	8GK1112-4KK42
				1300 mm	1250 mm	8GK1102-4KK52	8GK1112-4KK52
1100 mm	1050 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-5KK12	8GK1112-5KK12
				550 mm	500 mm	8GK1102-5KK22	8GK1112-5KK22
				800 mm	750 mm	8GK1102-5KK32	8GK1112-5KK32
				1050 mm	1000 mm	8GK1102-5KK42	8GK1112-5KK42
				1300 mm	1250 mm	8GK1102-5KK52	8GK1112-5KK52
1250 mm	1200 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-6KK12	8GK1112-6KK12
				550 mm	500 mm	8GK1102-6KK22	8GK1112-6KK22
				800 mm	750 mm	8GK1102-6KK32	8GK1112-6KK32
				1050 mm	1000 mm	8GK1102-6KK42	8GK1112-6KK42
				1300 mm	1250 mm	8GK1102-6KK52	8GK1112-6KK52
1400 mm	1350 mm	210 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1102-7KK12	8GK1112-7KK12
				550 mm	500 mm	8GK1102-7KK22	8GK1112-7KK22
				800 mm	750 mm	8GK1102-7KK32	8GK1112-7KK32
				1050 mm	1000 mm	8GK1102-7KK42	8GK1112-7KK42
				1300 mm	1250 mm	8GK1102-7KK52	8GK1112-7KK52

Unequipped distribution boards		Flush-mounting distribution boards	
IP43		IP55	
Safety class I		Safety class I	
8GK1122-1KA12	–	–	–
8GK1122-1KA22	–	–	–
8GK1122-2KA12	8GK1132-2KA12	–	–
8GK1122-2KA22	8GK1132-2KA22	–	–
8GK1122-2KA32	8GK1132-2KA32	–	–
8GK1122-2KA42	8GK1132-2KA42	–	–
8GK1122-3KA12	8GK1132-3KA12	–	–
8GK1122-3KA22	8GK1132-3KA22	–	8GK1121-3KK22
8GK1122-3KA32	8GK1132-3KA32	–	8GK1121-3KK32
8GK1122-3KA42	8GK1132-3KA42	–	–
8GK1122-4KA12	8GK1132-4KA12	8GK1123-4KA12	8GK1133-4KA12
8GK1122-4KA22	8GK1132-4KA22	8GK1123-4KA22	8GK1133-4KA22
8GK1122-4KA32	8GK1132-4KA32	8GK1123-4KA32	8GK1133-4KA32
8GK1122-4KA42	8GK1132-4KA42	8GK1123-4KA42	8GK1133-4KA42
8GK1122-4KA52	8GK1132-4KA52	8GK1123-4KA52	8GK1133-4KA52
8GK1122-5KA12	8GK1132-5KA12	8GK1123-5KA12	8GK1133-5KA12
8GK1122-5KA22	8GK1132-5KA22	8GK1123-5KA22	8GK1133-5KA22
8GK1122-5KA32	8GK1132-5KA32	8GK1123-5KA32	8GK1133-5KA32
8GK1122-5KA42	8GK1132-5KA42	8GK1123-5KA42	8GK1133-5KA42
8GK1122-5KA52	8GK1132-5KA52	8GK1123-5KA52	8GK1133-5KA52
8GK1122-6KA12	8GK1132-6KA12	8GK1123-6KA12	8GK1133-6KA12
8GK1122-6KA22	8GK1132-6KA22	8GK1123-6KA22	8GK1133-6KA22
8GK1122-6KA32	8GK1132-6KA32	8GK1123-6KA32	8GK1133-6KA32
8GK1122-6KA42	8GK1132-6KA42	8GK1123-6KA42	8GK1133-6KA42
8GK1122-6KA52	8GK1132-6KA52	8GK1123-6KA52	8GK1133-6KA52
8GK1122-7KA12	8GK1132-7KA12	8GK1123-7KA12	8GK1133-7KA12
8GK1122-7KA22	8GK1132-7KA22	8GK1123-7KA22	8GK1133-7KA22
8GK1122-7KA32	8GK1132-7KA32	8GK1123-7KA32	8GK1133-7KA32
8GK1122-7KA42	8GK1132-7KA42	8GK1123-7KA42	8GK1133-7KA42
8GK1122-7KA52	8GK1132-7KA52	8GK1123-7KA52	8GK1133-7KA52

ALPHA 400 distribution boards

Rated current 400 A

Accessories

Replacement doors					
	Height	Cubicle width	Door version	Door width	Article No.
	950 mm	300 mm	Complete	300 mm	8GK9510-6KK10
		550 mm	Complete	550 mm	8GK9510-6KK20
		800 mm	Left	525 mm	8GK9510-6KK31
			Right	275 mm	8GK9510-6KK42
		1050 mm	Left	525 mm	8GK9510-6KK31
			Right	525 mm	8GK9510-6KK52
		1300 mm	Left	775 mm	8GK9510-6KK51
			Right	525 mm	8GK9510-6KK52
	1100 mm	300 mm	Complete	300 mm	8GK9510-7KK10
		550 mm	Complete	550 mm	8GK9510-7KK20
		800 mm	Left	525 mm	8GK9510-7KK31
			Right	275 mm	8GK9510-7KK32
		1050 mm	Left	525 mm	8GK9510-7KK31
			Right	525 mm	8GK9510-7KK42
		1300 mm	Left	775 mm	8GK9510-7KK41
			Right	525 mm	8GK9510-7KK42
	1250 mm	300 mm	Complete	300 mm	8GK9510-8KK10
		550 mm	Complete	550 mm	8GK9510-8KK20
		800 mm	Left	525 mm	8GK9510-8KK31
			Right	275 mm	8GK9510-8KK32
		1050 mm	Left	525 mm	8GK9510-8KK31
			Right	525 mm	8GK9510-8KK52
		1300 mm	Left	775 mm	8GK9510-8KK41
			Right	525 mm	8GK9510-8KK52
	1400 mm	300 mm	Complete	300 mm	8GK9510-8KK16
		550 mm	Complete	550 mm	8GK9510-8KK26
		800 mm	Left	525 mm	8GK9510-8KK37
			Right	275 mm	8GK9510-8KK38
		1050 mm	Left	525 mm	8GK9510-8KK37
			Right	525 mm	8GK9510-8KK58
		1300 mm	Left	775 mm	8GK9510-8KK47
			Right	525 mm	8GK9510-8KK58

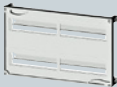
ALPHA 160 distribution boards

Rated current 160 A

Degree of protection						Surface-mounting distribution boards		Flush-mounting distribution boards
						Unequipped distribution boards	Distribution boards with built-in distribution board panels	Unequipped distribution boards
						IP43	IP43	IP31
								
Height Outside	Inside	Depth Outside	Tiers (MW = 18 mm)	Width Outside	Inside	Safety class II	Safety class II	Safety class II
500 mm	450 mm	140 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1032-1KK11	8GK1052-1KK11	8GK1031-1KK11
				550 mm	500 mm	8GK1032-1KK21	8GK1052-1KK21	8GK1031-1KK21
				800 mm	750 mm	8GK1032-1KK31	8GK1052-1KK31	–
650 mm	600 mm	140 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1032-2KK11	8GK1052-2KK11	8GK1031-2KK11
				550 mm	500 mm	8GK1032-2KK21	8GK1052-2KK21	8GK1031-2KK21
				800 mm	750 mm	8GK1032-2KK31	8GK1052-2KK31	–
				1050 mm	1000 mm	8GK1032-2KK41	8GK1052-2KK41	–
800 mm	750 mm	140 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1032-3KK11	8GK1052-3KK11	8GK1031-3KK11
				550 mm	500 mm	8GK1032-3KK21	8GK1052-3KK21	8GK1031-3KK21
				800 mm	750 mm	8GK1032-3KK31	8GK1052-3KK31	–
				1050 mm	1000 mm	8GK1032-3KK41	8GK1052-3KK41	–
950 mm	900 mm	140 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1032-4KK11	8GK1052-4KK11	8GK1031-4KK11
				550 mm	500 mm	8GK1032-4KK21	8GK1052-4KK21	8GK1031-4KK21
				800 mm	750 mm	8GK1032-4KK31	8GK1052-4KK31	–
				1050 mm	1000 mm	8GK1032-4KK41	8GK1052-4KK41	–
1100 mm	1050 mm	140 mm	12 + 1 MW mountable	300 mm	250 mm	8GK1032-5KK11	8GK1052-5KK11	8GK1031-5KK11
				550 mm	500 mm	8GK1032-5KK21	8GK1052-5KK21	8GK1031-5KK21
				800 mm	750 mm	8GK1032-5KK31	8GK1052-5KK31	–
				1050 mm	1000 mm	8GK1032-5KK41	8GK1052-5KK41	–

Assembly kits

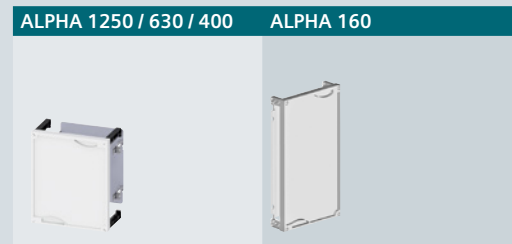
For modular installation devices

				ALPHA 1250 / 630 / 400		ALPHA 160	
				Tier spacing 125 mm	150 mm	125 mm	150 mm
							
No. of tiers	MW	Height outside	Width outside				
1	12	150 mm	250 mm	–	8GK4351-1KK12	–	8GK4351-1KK11
	24	150 mm	500 mm	–	8GK4351-1KK22	–	8GK4351-1KK21
	36	150 mm	750 mm	–	8GK4351-1KK32	–	–
2	24	300 mm	250 mm	8GK4301-2KK12	8GK4351-2KK12	8GK4301-2KK11	8GK4351-2KK11
	48	300 mm	500 mm	8GK4301-2KK22	8GK4351-2KK22	8GK4301-2KK21	8GK4351-2KK21
	72	300 mm	750 mm	–	8GK4351-2KK32	–	–
3	36	450 mm	250 mm	8GK4301-3KK12	8GK4351-3KK12	8GK4301-3KK11	8GK4351-3KK11
	72	450 mm	500 mm	8GK4301-3KK22	8GK4351-3KK22	8GK4301-3KK21	8GK4351-3KK21
	108	450 mm	750 mm	–	8GK4351-3KK32	–	–
4	48	600 mm	250 mm	8GK4301-4KK12	8GK4351-4KK12	8GK4301-4KK11	8GK4351-4KK11
	96	600 mm	500 mm	8GK4301-4KK22	8GK4351-4KK22	8GK4301-4KK21	8GK4351-4KK21
	144	600 mm	750 mm	–	8GK4351-4KK32	–	–

For terminal blocks

		ALPHA 1250 / 630 / 400		ALPHA 160
				
Height outside	Width outside	Horizontal	Vertical	Horizontal
150 mm	250 mm	8GK4401-1KK12	–	8GK4401-1KK11
	500 mm	–	–	8GK4401-1KK21
300 mm	250 mm	8GK4401-2KK12	8GK4402-2KK12	8GK4401-2KK11
	500 mm	8GK4401-2KK22	8GK4402-2KK22	8GK4401-2KK21
	750 mm	8GK4401-2KK32	8GK4402-2KK32	–
450 mm	250 mm	8GK4401-3KK12	8GK4402-3KK12	–
	500 mm	8GK4401-3KK22	8GK4402-3KK22	–
	750 mm	8GK4401-3KK32	8GK4402-3KK32	–
600 mm	250 mm	–	8GK4402-4KK12	–
	500 mm	–	8GK4402-4KK22	–
	750 mm	–	8GK4402-4KK32	–

With mounting plates



Mounting plates			Distribution board			
Height	Width	Version	Height outside	Width outside		
245 mm	207.5 mm	Closed	300 mm	250 mm	8GK4451-2KK12	8GK4451-2KK11
	457.5 mm	Closed	300 mm	500 mm	8GK4451-2KK22	–
	707.5 mm	Closed	300 mm	750 mm	8GK4451-2KK32	–
395 mm	207.5 mm	Closed	450 mm	250 mm	8GK4451-3KK12	8GK4451-3KK11
	457.5 mm	Closed	450 mm	500 mm	8GK4451-3KK22	–
	707.5 mm	Closed	450 mm	750 mm	8GK4451-3KK32	–
545 mm	207.5 mm	Closed	600 mm	250 mm	8GK4451-4KK12	8GK4451-4KK11
	457.5 mm	Closed	600 mm	500 mm	8GK4451-4KK22	–
	707.5 mm	Closed	600 mm	750 mm	8GK4451-4KK32	–

For unequipped panels



		ALPHA 1250 / 630 / 400			ALPHA 160
Height outside	Width outside	Standard	With inspection window	With deep-drawn cover 40 mm	Standard
75 mm	250 mm	8GK4501-0KK12	–	–	–
	500 mm	8GK4501-0KK22	–	–	–
150 mm	250 mm	8GK4501-1KK12	–	–	8GK4501-1KK11
	500 mm	8GK4501-1KK22	–	–	8GK4501-1KK21
	750 mm	8GK4501-1KK32	–	–	–
300 mm	250 mm	8GK4501-2KK12	8GK4500-2KK12	8GK4501-2KK13	8GK4501-2KK11
	500 mm	8GK4501-2KK22	8GK4500-2KK22	8GK4501-2KK23	8GK4501-2KK21
	750 mm	8GK4501-2KK32	–	8GK4501-2KK33	–
450 mm	250 mm	8GK4501-3KK12	8GK4500-3KK12	8GK4501-3KK13	8GK4501-3KK11
	500 mm	8GK4501-3KK22	8GK4500-3KK22	8GK4501-3KK23	8GK4501-3KK21
	750 mm	8GK4501-3KK32	–	8GK4501-3KK33	–
600 mm	250 mm	8GK4501-4KK12	8GK4500-4KK12	–	8GK4501-4KK11
	500 mm	8GK4501-4KK22	8GK4500-4KK22	–	8GK4501-4KK21
	750 mm	8GK4501-4KK32	–	–	–
750 mm	250 mm	8GK4501-5KK12	–	–	–
	500 mm	8GK4501-5KK22	–	–	–
	750 mm	8GK4501-5KK32	–	–	–

Assembly kits

For 3NP1 fuse switch disconnectors

ALPHA 1250 / 630 / 400



LV HRC fuse Size	Switches No. of	Distribution board Height outside	Width outside	Mounting on support plate	on busbars ¹⁾
00/000	2	300 mm	250 mm	8GK4550-2KK12	8GK4650-2KK12
		450 mm	250 mm	–	8GK4650-3KK12
	4	300 mm	500 mm	8GK4550-2KK22	8GK4650-2KK22
		450 mm	500 mm	–	8GK4650-3KK22
1	1	450 mm	250 mm	8GK4550-3KK12	8GK4651-3KK12
	2	450 mm	500 mm	8GK4550-3KK22	8GK4651-3KK22
2	1	450 mm	250 mm	8GK4551-3KK12	8GK4652-3KK12
3	1	450 mm	500 mm	8GK4551-3KK22	–

¹⁾ For busbar support 8GK9711-0KK03

Accessories

Cover 3NP1123 ... size 000



- Required for size 000 fuse switch disconnectors

Article No.

8GK9912-0KK00

Busbar supports

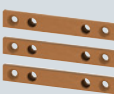


Busbar center-to-center spacing	Number of poles	Article No.
60 mm	1-pole	8GK9710-0KK00
	2-pole	8GK9710-0KK01
	3-pole	8GK9711-0KK03
	4-pole	8GK9670-0KK00
40 mm	5-pole	8GK9650-0KK00

For 3NJ4 fuse switch disconnectors in in-line design

Busbar center-to-center spacing					ALPHA 1250 / 630 / 400	
					100 mm	185 mm
						
Switches Size	Number of 3NJ4 disconnectors		Distribution board		Distribution board depth min. 320 mm	
	With screw fixing	With fixing claws	Height outside	Width outside		
Assembly kits for 3NJ4 fuse switch disconnectors						
NH00	4	3	600 mm	250 mm	8GK4751-4KK13	—
	9	8	600 mm	500 mm	8GK4751-4KK23	—
	14	13	600 mm	750 mm	8GK4751-4KK33	—
NH1 ... NH3	2	—	750 mm	250 mm	—	8GK4752-5KK15
	4	3	750 mm	500 mm	—	8GK4752-5KK25
	7	6	750 mm	750 mm	—	8GK4752-5KK35

Accessories

Blanking covers					
	Switching device size	Busbar center-to-center spacing	Height	Width	Article No.
	NH00	100 mm	299 mm	50 mm	3NJ4912-2CA00
	NH1 ... NH3	185 mm	699 mm	50 mm	3NJ4912-2AA00
				100 mm	3NJ4912-2BA00
Ready-to-install copper bars					
	Switching device size	Distribution board width outside			Article No.
	NH00	250 mm			8GK9735-1KK10
		500 mm			8GK9735-1KK20
		750 mm			8GK9735-1KK30
	NH1 ... NH3	250 mm			8GK9735-2KK10
		500 mm			8GK9735-2KK20
		750 mm			8GK9735-2KK30

Assembly kits

For SR60 busbar-adaptable units

Busbar center-to-center spacing **ALPHA 1250 / 630 / 400**
60 mm



Height outside	Width outside	
300 mm	250 mm	8GK4801-2KK13
	500 mm	8GK4801-2KK23
	750 mm	8GK4801-2KK33
450 mm	250 mm	8GK4801-3KK13
	500 mm	8GK4801-3KK23
	750 mm	8GK4801-3KK33

Accessories

Supports for blanking covers



Article No.

8US1922-2EA00

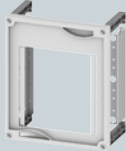
Blanking covers



Article No.

8US1922-2EB00

For bus-mounting fuse bases, for mounting on busbar systems

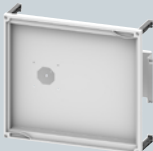
				ALPHA 1250 / 630 / 400	
				Busbar system	
				SR60, 60 mm	8US, 60 mm
					
Number of poles		Height outside	Width outside		
3P	4P				
■	–	300 mm	250 mm	8GK4801-2KK12	–
		450 mm	250 mm	8GK4801-3KK12	–
	■	300 mm	250 mm	–	8GK4800-2KK12
			500 mm	–	8GK4800-2KK22
			750 mm	–	8GK4800-2KK32

Assembly kits

For 3KF switch disconnectors with fuses

		ALPHA 1250 / 630 / 400	
Operating mechanism		Front operating mechanism, center	Door-coupling rotary operating mechanism (mounted in the front cover)
			
outside	Depth outside		
	≥210 mm	8GK4722-2KK10	–
	≥210 mm	8GK4723-2KK10	–
	≥320 mm	–	8GK4722-2KK20

For 3KD switch disconnectors

		ALPHA 1250 / 630 / 400	
Operating mechanism		Direct operating mechanism	Door-coupling rotary operating mechanism (mounted in the front cover)
			
Width outside	Depth outside		
125 mm	210 mm	8GK4720-2KK10	—
125 mm	210 mm	8GK4720-2KK10	—
125 mm	210 mm	8GK4721-2KK10	—
125 mm	≥250 mm	—	8GK4720-3KK20

For 3KA switch disconnectors on support plate

Operating mechanism	ALPHA 1250 / 630 / 400	
	Direct operating mechanism	Direct operating mechanism
		

Switches					Distribution board		
Size	Rated current	No. of	3P	4P	Height outside	Width outside	
3KA 50/51/52/53	63 A / 80 A / 125 A / 160 A	1	■	–	300 mm	250 mm	8GK4707-3KK17
3KA 55/57/58	250 A / 400 A / 630 A	1	■	■	300 mm	500 mm	8GK4707-4KK27

Assembly kits

For 3VL molded case circuit breakers

ALPHA 1250 / 630 / 400



Switches						Distribution board		Standard
Size	Type	Rated current	No. of	3P	4P	Height outside	Width outside	
3VL1	3VL160X	16 A ... 160 A	1	■	■	300 mm	250 mm	8GK4701-2KK12
						450 mm	250 mm	8GK4701-3KK12
3VL2	3VL160	50 A ... 160 A	1	■	■	300 mm	250 mm	8GK4701-2KK12
						450 mm	250 mm	8GK4701-3KK12
3VL3	3VL250	200 A ... 250 A	1	■	■	450 mm	250 mm	8GK4701-3KK12
3VL4	3VL400	200 A... 400 A	1	■	■	600 mm	250 mm	8GK4702-4KK12
						750 mm	250 mm	–
3VL5	3VL630	315 A... 630 A	1	■	–	600 mm	250 mm	8GK4703-4KK13
			1	■	■	600 mm	500 mm	8GK4704-4KK13
			1	■	–	600 mm	500 mm	–
			1	–	■	600 mm	500 mm	–
3VL6	3VL800	800 A	1	■	–	600 mm	250 mm	8GK4704-4KK15
			1	■	■	600 mm	500 mm	8GK4704-4KK25
3VL7	3VL1250	1000 A... 1250 A	1	■	■	600 mm	500 mm	8GK4705-4KK25
3VL8	3VL1600	1600 A	1	■	■	600 mm	500 mm	8GK4705-4KK25



With RCD module mounted



For installation with front-operated rotary operating mechanism

–	–
8GK4720-3KK10	8GK4722-3KK10
–	–
8GK4721-3KK10	8GK4722-3KK10
8GK4721-3KK10	8GK4722-3KK10
–	8GK4722-4KK10
8GK4720-5KK10	–
–	–
–	–
–	8GK4723-4KK10
–	8GK4721-4KK20
–	–
–	–
–	–
–	–

Assembly kits

For 3VA molded case circuit breakers, 3-pole and 4-pole

ALPHA 1250 / 630 / 400



Switches Size	Rated current	No. of	Direct operating mechanism	Rotary operating mechanism	Motorized opera- ting mechanism	Distribution board		
						Height outside	Width outside	
3VA10..., 3VA11..	100 A ... 160 A	1	■	—	—	300 mm ¹⁾	250 mm	8GK4731-2KK12
			—	■	—	450 mm	250 mm	8GK4730-2KK12
			—	—	■	300 mm ¹⁾	250 mm	8GK4733-2KK12
			—	—	—	300 mm ¹⁾	250 mm	—
			—	—	—	450 mm	250 mm	—
		3	■	—	—	300 mm ¹⁾	500 mm	8GK4731-2KK22
			—	■	—	450 mm	500 mm	8GK4730-2KK22
			—	—	—	300 mm ¹⁾	500 mm	8GK4733-2KK22
			—	—	■	300 mm ¹⁾	500 mm	—
			—	—	—	450 mm	500 mm	—
3VA12	250 A	1	■	—	—	300 mm	250 mm	8GK4732-2KK12
			—	■	—	450 mm	250 mm	8GK4733-3KK10
			—	—	—	300 mm	250 mm	8GK4735-2KK12
			—	—	■	300 mm	250 mm	—
			—	—	—	450 mm	250 mm	—
			—	—	—	600 mm	250 mm	—
		3	■	—	—	300 mm	500 mm	8GK4732-2KK22
			—	■	—	450 mm	500 mm	8GK4731-3KK20
			—	—	—	300 mm	500 mm	8GK4735-2KK22
			—	—	■	300 mm	500 mm	—
3VA20..., 3VA22..	100 A ... 250 A	1	■	—	—	300 mm	250 mm	8GK4730-3KK10
			—	■	—	300 mm	250 mm	8GK4736-2KK12
			—	—	■	600 mm	250 mm	—
		3	■	—	—	300 mm	500 mm	8GK4730-3KK20
			—	■	—	300 mm	500 mm	8GK4736-2KK22
			—	—	■	600 mm	500 mm	—
3VA23..., 3VA24..	400 A ... 630 A	1	■	—	—	450 mm	250 mm	8GK4730-4KK12
			—	—	—	500 mm	—	8GK4730-4KK22
			—	■	—	450 mm	500 mm	8GK4733-4KK22
			—	—	■	450 mm	250 mm	—
			—	—	—	500 mm	—	—
			—	—	—	600 mm	250 mm	—
			—	—	—	500 mm	—	—

¹⁾ For insulated connection only

²⁾ Distribution board depth at least 250 mm

³⁾ Distribution board depth at least 320 mm

					
With RCD module Infeed side		At side		With RCD module Infeed side	
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
8GK4734-2KK12 ²⁾	—	—	—	—	—
—	8GK4731-3KK12	8GK4731-3KK10	—	8GK4734-3KK12 ²⁾	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
8GK4734-2KK22 ²⁾	—	—	—	—	—
—	8GK4731-3KK22	—	—	8GK4734-3KK22 ²⁾	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
8GK4735-3KK10 ²⁾	—	—	—	—	—
—	—	—	—	—	8GK4733-4KK10 ²⁾
—	8GK4732-4KK10	—	—	8GK4736-4KK12	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
8GK4732-3KK20 ²⁾	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	8GK4735-4KK12	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	8GK4735-4KK22	—	—	8GK4736-4KK22 ³⁾	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
8GK4734-4KK12 ³⁾	—	—	—	—	—
8GK4734-4KK22 ³⁾	—	—	—	—	—
—	8GK4731-4KK12	—	—	—	—
—	8GK4731-4KK22	—	—	—	—

Assembly kits

For meter mounting without top and bottom termination area

ALPHA 630



Height outside	Width outside	
450 mm	250 mm	8GE3713-4

For meter mounting with top and bottom termination area

ALPHA ZS

Meter support plate



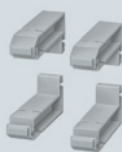
Covers



Height	Width		Top/bottom termination area
150 mm	250 mm	–	8GS4006-0
300 mm	250 mm	–	8GS4006-5
450 mm	250 mm	8GS4007-4	–

Accessories

Supports for front cover



Article No.

8GS4018-8

Standard mounting rails

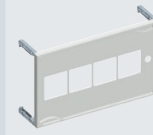


Article No.

8GS4010-6

Front covers for measuring devices

ALPHA 1250 / 630 / 400



Use	Height outside	Width outside	Cutout dimensions	
1 × measuring device 96 mm × 96 mm	300 mm	500 mm	92 × 92 mm	8GK4500-2KK20

For cable connections to the door

ALPHA 1250 / 630 / 400



Height	Width	Diameter	
150 mm	250 mm	M20	8GK4500-1KK12
	500 mm	M20	8GK4500-1KK22

Quick-assembly kits

For modular installation devices and terminal blocks

Tier spacing **ALPHA 1250 / 630 / 400**
125 mm



Height outside	Width outside	No. of tiers	Terminals	MW	With N/PE bar	With 2 N/PE bars
For modular installation devices						
450 mm	250 mm	3	–	36	–	–
600 mm	250 mm	4	–	48	8GK4001-4KK11	–
	500 mm	8	–	96	8GK4001-4KK22	–
750 mm	250 mm	5	–	60	8GK4001-5KK11	–
	500 mm	10	–	120	8GK4001-5KK22	–
900 mm	250 mm	6	–	72	8GK4001-6KK11	8GK4003-6KK11
	500 mm	12	–	144	8GK4001-6KK22	–
1050 mm	250 mm	7	–	84	8GK4001-7KK11	8GK4003-7KK11
	500 mm	14	–	168	8GK4001-7KK22	–
1200 mm	250 mm	8	–	96	8GK4001-8KK12	8GK4003-8KK12
	500 mm	16	–	192	8GK4001-8KK22	–
1350 mm	250 mm	9	–	108	8GK4002-8KK12	8GK4003-8KK13
	500 mm	18	–	216	8GK4002-8KK22	–
For modular installation devices and terminal blocks						
900 mm	250 mm	2	4	48	–	–
	500 mm	4	8	96	–	–
	750 mm	6	12	144	–	–
1050 mm	250 mm	2	5	60	–	–
	500 mm	4	10	120	–	–
	750 mm	6	15	180	–	–
1200 mm	250 mm	2	6	72	–	–
	500 mm	4	12	144	–	–
	750 mm	6	18	216	–	–
1350 mm	250 mm	3	6	72	–	–
	500 mm	6	12	144	–	–
	750 mm	9	18	216	–	–

ALPHA 160		
150 mm	125 mm	150 mm
		
Without N/PE bar	With N/PE bar	Without N/PE bar
–	8GK4001-3KK11	8GK4051-3KK11
–	8GK4001-4KK11	8GK4051-4KK11
–	–	–
–	8GK4001-5KK11	8GK4051-5KK11
–	–	–
8GK4051-6KK11	8GK4001-6KK11	8GK4051-6KK11
8GK4101-6KK22	–	–
8GK4051-7KK11	8GK4001-7KK11	8GK4051-7KK11
8GK4101-7KK22	–	–
8GK4101-8KK12	–	–
8GK4101-8KK22	–	–
8GK4102-8KK12	–	–
8GK4102-8KK22	–	–
8GK4100-6KK12	–	–
8GK4100-6KK22	–	–
8GK4100-6KK32	–	–
8GK4100-7KK12	–	–
8GK4100-7KK22	–	–
8GK4100-7KK32	–	–
8GK4100-8KK12	–	–
8GK4100-8KK22	–	–
8GK4100-8KK32	–	–
8GK4110-8KK12	–	–
8GK4110-8KK22	–	–
8GK4110-8KK32	–	–

Busbars

For ALPHA 1250 / 630 / 400 distribution boards

Cu busbars



Cross-section	Current	Length	Article No.
12 × 5 mm	250 A	250 mm	8GK9731-0KK10
		500 mm	8GK9731-0KK20
		750 mm	8GK9731-0KK30
		1000 mm	8GK9731-0KK40
		1250 mm	8GK9731-0KK50
20 × 5 mm	320 A	250 mm	8GK9733-0KK10
		500 mm	8GK9733-0KK20
		750 mm	8GK9733-0KK30
		1000 mm	8GK9733-0KK40
		1250 mm	8GK9733-0KK50
30 × 5 mm	450 A	250 mm	8GK9735-0KK10
		500 mm	8GK9735-0KK20
		750 mm	8GK9735-0KK30
		1000 mm	8GK9735-0KK40
		1250 mm	8GK9735-0KK50
30 × 10 mm	630 A	250 mm	8GK9736-0KK10
		500 mm	8GK9736-0KK20
		750 mm	8GK9736-0KK30
		1000 mm	8GK9736-0KK40
		1250 mm	8GK9736-0KK50

Busbar supports



Version	Use	Busbar center-to-center spacing	Article No.
1-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm	–	8GK9710-0KK00
2-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm	60 mm	8GK9710-0KK01
3-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm, Bus-mounting fuse bases and 3NP4076 switch disconnectors in conjunction with assembly kits	60 mm	8GK9711-0KK03
4-pole	For Cu busbars 12 × 5 (10) mm, 30 × 5 (10) mm	60 mm	8GK9670-0KK00
5-pole	For Cu busbars 12 × 5 (10) mm 3NP fuse switch disconnectors	40 mm	8GK9650-0KK00

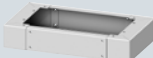
Accessories

For ALPHA 1250 / 630 / 400 / 160 distribution boards

					1250	630	400	160	
Wall-mounting rails									
	• For all wall-mounted distribution boards								
	Length	Article No.							
	250 mm	8GK9912-0KK10					■	■	
	500 mm	8GK9912-0KK20					■	■	
	750 mm	8GK9912-0KK30					■	■	
	1000 mm	8GK9912-0KK40					■	■	
1250 mm	8GK9912-0KK50					■	■		
Cabinet mounting lugs, flat									
	Use	Article No.							
	For mounting and fixing a distribution board directly against the wall without a clearance (1 set = 4 units)				8GK9910-0KK36		■	■	■
	For connecting 2 distribution boards and for mounting and fixing a distribution board directly against the wall without a clearance (8GK9910-0KK36 additionally required for the ends) 1 set = 2 units				8GK9910-0KK37		■	■	■
Wall mounting lug, standard									
• 1 set = 4 units									
					Article No.				
					8GK9920-0KK33	■	■	■	■
Hollow wall set									
Use					Article No.				
For mounting flush-mounting distribution boards in hollow walls					8GK9910-0KK28			■	■
M12 transport eyebolts									
					Article No.				
					8GK9918-0KK00	■	■	■	■
Ventilation grilles for side panel									
					Article No.				
					8GK9120-0KK30	■	■	■	
Bases for flat pack floor-mounted distribution boards									
	Height outside	Depth	Width	Article No.					
	100 mm	210 mm	300 mm	8GK9901-0KK12			■		
			550 mm	8GK9901-0KK22			■		
			800 mm	8GK9901-0KK32			■		
			1050 mm	8GK9901-0KK42			■		
			1300 mm	8GK9901-0KK52			■		

Accessories

For ALPHA 1250 / 630 / 400 / 160 distribution boards

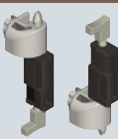
					1250	630	400	160
Bases for pre-assembled (welded) floor-mounted distribution boards								
	Height outside	Depth	Width	Article No.				
	100 mm	210 mm	300 mm	8GK9901-0KA12	■	■		
			550 mm	8GK9901-0KA22	■	■		
			800 mm	8GK9901-0KA32	■	■		
			1050 mm	8GK9901-0KA42	■	■		
			1300 mm	8GK9901-0KA52	■	■		
	250 mm	210 mm	300 mm	8GK9900-0KK13	■	■		
			550 mm	8GK9900-0KK23	■	■		
			800 mm	8GK9900-0KK33	■	■		
			1050 mm	8GK9900-0KK43	■	■		
			1300 mm	8GK9900-0KK53	■	■		
	320 mm	210 mm	300 mm	8GK9900-0KK14	■	■		
			550 mm	8GK9900-0KK24	■	■		
			800 mm	8GK9900-0KK34	■	■		
			1050 mm	8GK9900-0KK44	■	■		
			1300 mm	8GK9900-0KK54	■	■		
	400 mm	210 mm	300 mm	8GK9902-0KK13	■	■		
			550 mm	8GK9902-0KK23	■	■		
			800 mm	8GK9902-0KK33	■	■		
			1050 mm	8GK9902-0KK43	■	■		
			1300 mm	8GK9902-0KK53	■	■		
Partitions, vertical								
• For the visual and spatial separation of different potentials								
	Cubicle depth	Height	Article No.					
	140 mm	450 mm	8GK9001-3KK01					■
		600 mm	8GK9001-4KK01					■
		750 mm	8GK9001-5KK01					■
		900 mm	8GK9001-6KK01					■
		1050 mm	8GK9001-7KK01					■
	210 mm	300 mm	8GK9301-2KK01			■	■	
		450 mm	8GK9301-3KK01			■	■	
		600 mm	8GK9101-4KK01			■	■	
		750 mm	8GK9101-5KK01			■	■	
		900 mm	8GK9101-6KK01			■	■	
		1050 mm	8GK9101-7KK01			■	■	
		1200 mm	8GK9101-8KK01			■	■	
		1350 mm	8GK9102-8KK01			■	■	
250/320 mm	1800 mm	8GK9520-8KK00			■			
400 mm	1800 mm	8GK9521-8KK00	■					

						1250	630	400	160
Partitions, horizontal									
• For the visual and spatial separation of different potentials									
 	Cubicle depth	Width		Article No.					
	140 mm	250 mm		8GK9002-OKK10					■
	210 mm	250 mm		8GK9103-OKK10			■	■	
		500 mm		8GK9103-OKK20			■	■	
		750 mm		8GK9103-OKK30			■	■	
	250 /320 mm	250 mm		8GK9520-OKK10			■		
		500 mm		8GK9520-OKK20			■		
	400 mm	250 mm		8GK9520-OKK30		■			
Mounting plates									
	Cubicle Height	Width	Mounting plates		Article No.				
	600 mm	250 mm	596 mm	243 mm	8GK9531-4KK10				■
		500 mm	596 mm	493 mm	8GK9531-4KK20				■
	750 mm	250 mm	685 mm	243 mm	8GK9531-5KK10				■
		500 mm	685 mm	493 mm	8GK9531-5KK20				■
	900 mm	250 mm	835 mm	243 mm	8GK9531-6KK10				■
		500 mm	835 mm	493 mm	8GK9531-6KK20				■
	1050 mm	250 mm	985 mm	243 mm	8GK9531-7KK10				■
		500 mm	985 mm	493 mm	8GK9531-7KK20				■
	1200 mm	250 mm	1135 mm	243 mm	8GK9531-8KK10				■
		500 mm	1135 mm	493 mm	8GK9531-8KK20				■
	1350 mm	250 mm	1285 mm	243 mm	8GK9532-8KK10				■
		500 mm	1285 mm	493 mm	8GK9532-8KK20				■
	1800 mm	250 mm	1680 mm	242 mm	8GK9533-OKK10		■	■	
		500 mm	1680 mm	492 mm	8GK9533-OKK20		■	■	
		750 mm	1680 mm	742 mm	8GK9533-OKK30		■	■	
1000 mm		1680 mm	992 mm	8GK9533-OKK40		■	■		
1250 mm		1680 mm	1242 mm	8GK9533-OKK50		■	■		
Mounting plates for telecommunication units									
• Made of perforated steel plate									
• With insert nuts and quick-locking technology									
	Cubicle Height	Width	Mounting plates		Article No.				
	900 mm	250 mm	835 mm	243 mm	8GS4016-1				■
	1050 mm	250 mm	985 mm	243 mm	8GS4016-2				■
	1200 mm	250 mm	1135 mm	243 mm	8GS4016-3				■
	1350 mm	250 mm	1285 mm	243 mm	8GS4016-4				■
Longitudinal stays									
• In order to mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width									
• 1 set = 2 stays									
	Cubicle depth	Length		Article No.					
	210 mm	300 mm		8GK4855-2KK02			■		
		450 mm		8GK4851-3KK00					■
		600 mm		8GK4851-4KK00				■	■
		750 mm		8GK4851-5KK00				■	■
		900 mm		8GK4851-6KK00				■	■
		1050 mm		8GK4851-7KK00				■	■
		1200 mm		8GK4851-8KK00				■	
		1350 mm		8GK4852-8KK00				■	
	1800 mm		8GK4853-8KK00			■			
	250 mm, 320 mm, 400 mm	1800 mm		8GK4853-8KK02		■	■		

Accessories

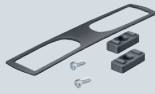
For ALPHA 1250 / 630 / 400 / 160 distribution boards

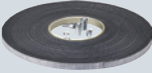
					1250	630	400	160	
Stay supports									
	- For depth of 210 mm when mounting stays are to be shifted forward by 55 mm - Necessary whenever standard mounting rails are mounted directly on the stays								
					Article No.				
					8GK9910-0KK38			■	
Universal brackets									
					Article No.				
					8GK9910-0KK05	■	■		
Connecting kits for longitudinal stays									
	Depth				Article No.				
	250/320 mm				8GK9910-0KK32	■	■	■	
Crossbars									
	Width				Article No.				
	500 mm				8GK4853-0KK20	■	■	■	
	750 mm				8GK4853-0KK30	■	■	■	
Front cover, closed									
	Tier spacing	Height	Width		Article No.				
	150 mm	75 mm	250 mm		8GK9601-0KK10	■	■	■	■
		150 mm	250 mm		8GK9601-1KK10	■	■	■	■
			500 mm		8GK9601-1KK20	■	■	■	■
			750 mm		8GK9601-1KK30	■	■	■	■
	300 mm		250 mm		8GK9601-2KK10	■	■	■	■
		500 mm		8GK9601-2KK20	■	■	■	■	
		750 mm		8GK9601-2KK30	■	■	■	■	
		450 mm	250 mm		8GK9601-3KK10	■	■	■	■
	500 mm			8GK9601-3KK20	■	■	■	■	
	750 mm			8GK9601-3KK30	■	■	■	■	
	600 mm		250 mm		8GK9601-4KK10	■	■	■	■
		500 mm		8GK9601-4KK20	■	■	■	■	
		750 mm		8GK9601-4KK30	■	■	■	■	
		Front cover with cutout							
		Height	Width	Tiers	MW	Article No.			
		150 mm	250 mm	1	12	8GK9601-1KK11	■	■	■
500 mm			1	24	8GK9601-1KK21	■	■	■	■
750 mm			1	36	8GK9601-1KK31	■	■	■	■
300 mm		250 mm	2	24	8GK9601-2KK11	■	■	■	■
		500 mm	2	48	8GK9601-2KK21	■	■	■	■
		750 mm	2	72	8GK9601-2KK31	■	■	■	■
450 mm		250 mm	3	36	8GK9601-3KK11	■	■	■	■
		500 mm	3	72	8GK9601-3KK21	■	■	■	■
		750 mm	3	108	8GK9601-3KK31	■	■	■	■
600 mm		250 mm	4	48	8GK9601-4KK11	■	■	■	■
		500 mm	4	96	8GK9601-4KK21	■	■	■	■
		750 mm	4	144	8GK9601-4KK31	■	■	■	■

					1250	630	400	160	
Supports for front cover									
	• Plastic								
	Version	Length	Mounting	Article No.					
	Spare part	117 mm	Standard	8GK9910-0KK30	■	■	■		
		54 mm	Standard	8GK9910-0KK20				■	
	Large pack	117 mm	For 15 mm standard mounting rail directly onto the standard mounting rail holder	8GK9910-0KK31	■	■	■		
61.5 mm		For 15 mm standard mounting rail directly onto the stays	8GK9910-0KK24	■	■	■			
Assembly tool for supports									
	• For short and long version								
	• With ergonomic handle								
					Article No.				
					8GK9910-0KK27	■	■	■	■
Support extensions									
	Length			Article No.					
	7.5 mm			8GK9911-0KK03	■	■	■	■	
Quick-lock screws for front cover									
	Material	Color	Article No.						
	Plastic	RAL 7035 (light gray)	8GK9910-0KK26		■	■	■	■	
Replacement door hinges									
	• For wall/floor-mounted distribution boards								
	• 1 set = 2 units								
					Article No.				
					8GK9920-0KK24	■	■	■	■
Circuit diagram pockets									
	Version	Format	Depth	Article No.					
	Sheet steel	DIN A3	10 mm	8GK9910-0KK22	■	■	■	■	
	Transparent sleeve, adhered all-over	DIN A4		8GK9910-0KK23	■	■	■	■	
	Plastic	DIN A4	30 mm	8GD9132	■	■	■	■	
	Plastic, large pack	DIN A4	30 mm	8GK9910-1KK24	■	■	■	■	
Siemens nameplate									
	Material	Version	Color	Article No.					
	Aluminum	Self-adhesive	Petrol	8GD9084	■	■	■	■	
	Sticker	Self-adhesive	Petrol	8GF9661	■	■	■	■	

Accessories

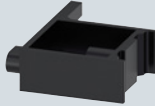
For ALPHA 1250 / 630 / 400 / 160 distribution boards

			1250	630	400	160
IP43/IP55 locking systems for wall-mounted distribution boards						
   	Version	Article No.				
	Standard locking device with rotary handle	8GK9560-0KK04			■	■
	Retrofit kit for standard locking device with degree of protection IP44	8GK9560-0KK05			■	■
	Rotary handle locking device for profile cylinders (E012 or Senat tumbler)	8GK9560-0KK06			■	■
	Rotary handle, lockable, incl. E012 lock and two keys	8GK9560-0KK13			■	■
Locking systems for floor-mounted distribution boards						
 	Version	Article No.				
	Rotary handle, recessable, with pushbutton technique	8GK9561-0KK01	■	■		
	Lock insert for installation of profile semicylinder	8GK9561-0KK02	■	■		
Profile semicylinder for locks						
    	Use	Version	Article No.			
	Wall-mounted distribution boards	With E012 lock and two keys	8GK9560-0KK07		■	■
		With Senat tumbler and two keys	8GK9560-0KK08		■	■
		With 3-mm pin as double-bit lock	8GK9560-0KK10		■	■
	Floor-mounted distribution boards	With E012 lock and two keys	8GK9561-0KK00	■	■	
		With Senat tumbler and two keys	8GK9560-0KK03	■	■	

			1250	630	400	160
Spare keys						
	Version	Article No.				
	For double-bit interlocking mechanism	8GD9290	■	■		
	For E012 lock	8GF9390-2	■	■	■	■
Connecting kit, IP43/IP55						
	- For side-by-side mounting of enclosures - Comprising: screws, washers, nuts and 10 m roll of sealing strip					
	Article No.					
		8GK9920-0KK31	■	■	■	
Extra-deep brackets						
	For recessed installation of standard mounting rails					
	Article No.					
		8GK9910-0KK34	■	■	■	
Extra-deep brackets, depth-adjustable						
		Article No.				
		8GK9911-0KK01	■	■	■	
Drop-down brackets, universal						
		Article No.				
		8GK9911-0KK02	■	■	■	
Standard mounting rails, lowered						
	Width	Article No.				
	250 mm	8GK9910-0KK35	■	■	■	
	500 mm	8GK9910-0KK40	■	■	■	
	750 mm	8GK9910-0KK41	■	■	■	
15 mm standard mounting rails						
	Width	Article No.				
	250 mm	8GK9910-1KK10	■	■		
	500 mm	8GK9910-1KK20	■	■		
	750 mm	8GK9910-1KK30	■	■		
	1000 mm	8GK9910-1KK40	■	■		
	1250 mm	8GK9910-1KK50	■	■		
Standard mounting rail holders for 15 mm standard mounting rail						
	Comprising a left and a right holder					
	Version	Version	Article No.			
	Long	For 1 standard mounting rail	8GK9910-1KK81	■	■	■
		For 2 standard mounting rails	8GK9910-1KK83	■	■	■
		For 3 standard mounting rails	8GK9910-1KK84	■	■	■
		For 4 standard mounting rails	8GK9910-1KK85	■	■	■

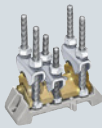
Accessories

For ALPHA 1250 / 630 / 400 / 160 distribution boards

			1250	630	400	160
Iso supports						
	For insulated standard mounting rail assembly					
	Version	Article No.				
	12 mm	8GK9911-0KK04	■	■	■	■
	31.5 mm	8GK9911-0KK05	■	■	■	
	55.5 mm	8GK9911-0KK06	■	■	■	
Screws M5 × 10, self-tapping						
	Large pack: 500 units					
		Article No.				
		8GK9911-0KK00	■	■	■	■
Crossbars for mounting vertical busbar systems						
	Width	Article No.				
	250 mm	8GK9911-1KK00	■	■	■	
	500 mm	8GK9911-1KK01	■	■	■	
	750 mm	8GK9911-1KK02	■	■	■	
Blanking strips						
	Version	Color	Article No.			
	For 12 MW (1 MW = 18 mm)	RAL 7035 (light gray)	8GK9910-0KK00	■	■	■
	Length 1 m w/o pressure-relief joint, to cut to length	RAL 7035 (light gray)	8GK9910-0KK01	■	■	
Blanking plugs						
	Diameter	Article No.				
	6 mm	8GK9910-0KK06	■	■	■	■
	11 mm	8GK9910-0KK07	■	■	■	■
N terminals						
	- For snap-on mounting onto the standard mounting rail - For distributing the neutral conductor when using several RCCBs 2× screw terminal, conductor cross-section max. 16 mm² 14× plug-in terminal, conductor cross-section max. 4 mm²					
		Article No.				
		8GS4034-1	■	■	■	■
PE terminals						
	- For snap-on mounting onto the standard mounting rail 2× screw terminal, conductor cross-section max. 16 mm² 14× plug-in terminal, conductor cross-section max. 4 mm²					
		Article No.				
		8GS4034-2	■	■	■	■
N/PE terminals						
	- For snap-on mounting onto the standard mounting rail - For distributing the neutral conductor when using several RCCBs 1× screw terminal, conductor cross-section max. 16 mm², per PE and N potential 7× plug-in terminal, conductor cross-section max. 4 mm², per PE and N potential					
		Article No.				
		8GS4034-3	■	■	■	■
N/N terminals						
	- For snap-on mounting onto the standard mounting rail - For distributing the neutral conductor when using several RCCBs 1× screw terminal, conductor cross-section max. 16 mm², per PE and N potential 7× plug-in terminal, conductor cross-section max. 4 mm², per PE and N potential					
		Article No.				
		8GS4034-4	■	■	■	■

				1250	630	400	160
Terminals for circular conductors							
	Busbar thickness	Conductor cross-section	Article No.				
	5 mm	1.5 ... 16 mm ²	8US1921-2AA00	■	■	■	
		1.5 ... 35 mm ²	8US1921-2AB00	■	■	■	
		16 ... 70 mm ²	8US1921-2AC00	■	■	■	
		16 ... 120 mm ²	8US1921-2AD00	■	■	■	

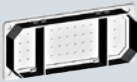
Terminals for circular conductors							
	Busbar thickness	Conductor cross-section	Article No.				
	10 mm	1.5 ... 16 mm ²	8US1921-2BA00	■	■	■	
		1.5 ... 35 mm ²	8US1921-2BB00	■	■	■	
		16 ... 70 mm ²	8US1921-2BC00	■	■	■	
		16 ... 120 mm ²	8US1921-2BD00	■	■	■	

Terminals with bases made of glass-fiber reinforced polyester resin							
	Incoming cables		Outgoing cables		Article No.		
	No. of	Cross-section	No. of	Cross-section			
	1	6 ... 70 mm ²	1	6 ... 70 mm ²	8JK401	■	■
		4 ... 35 mm ²	3	4 ... 35 mm ²	8JH4044	■	■
		50 ... 240 mm ²	1	50 ... 240 mm ²	8JK4061	■	■
	2	50 ... 240 mm ²	2	50 ... 185 mm ²	8JK406	■	■

Accessories

For ALPHA 1250 / 630 / 400 / 160 distribution boards

						1250	630	400	160
Incoming and outgoing terminal for busbars									
	Busbar Dimensions	No. of	Conductor cross-section	Description	Article No.				
	16 × 3 mm	1	1.5 ... 16 mm²		8JH4122	■	■	■	
			10 ... 35 mm²		8JH4124	■	■	■	
	6 × 6 mm	1	16 ... 35 mm²	Can be retrofitted without dismantling the busbar	8JH4114	■	■	■	
	20 × 8 mm	1 or 2	50 ... 240 mm²	1 conductor per clamping point	8JK3171	■	■	■	
Incoming and outgoing terminal for busbars									
	Busbar Dimensions	No. of	Conductor cross-section	Description	Article No.				
	–	–	–	2 conductors per clamping point	8JK3172	■	■	■	
	12 × 5 mm	1	10 ... 35 mm²		8JH4104	■	■	■	
			16 ... 70 mm²		8JH4105	■	■	■	
			2	16 ... 35 mm²		8JH4105	■	■	■
N/PE bars as plug-in terminals									
	• For mounting on longitudinal stays at a 30° inclination								
	Version	Connections			Article No.				
	PE bar	6 screw connections 2.5 ... 16 mm² and 21 screw connections 1.5 ... 4 mm²			8GK9910-OKK11				■
	PE + N bar	PE bar: 6 screw connections 2.5 ... 16 mm² and 21 screw connections 1.5 ... 4 mm² N bar: 2 screw connections 2.5 ... 16 mm² and 10 screw connections 1.5 ... 4 mm²			8GK9910-OKK12				■
Terminal with ceramic base									
	Incoming cables		Outgoing cables		Article No.				
	No. of	Cross-section	No. of	Cross-section					
	1	4 ... 35 mm²	1	4 ... 35 mm²	8JH404	■	■	■	■
Cable clamping rail									
	• For strain relief • C-profile 30 × 15 mm								
	Width				Article No.				
	250 mm				8GK9911-OKK10	■	■	■	
	500 mm				8GK9911-OKK20	■	■	■	
	750 mm				8GK9911-OKK30	■	■	■	
	1000 mm				8GK9911-OKK40	■	■	■	
	1250 mm				8GK9911-OKK50	■	■	■	

					1250	630	400	160
Cable holders								
	Use	Version	Article No.					
	For standard mounting rail	Height 45 mm, width 40 mm	8GK9910-0KK80		■	■	■	
	For mounting in 5-mm hole	Clip with cable tie	8GK9910-0KK81		■	■	■	
Cable flange for cable entry								
  	Version	Degree of protection	Cable routing	Article No.				
	1-component flange	IP43	Bottom	8GK9100-0KK00	■	■	■	
	2-component flange		Top/bottom	8GK9000-0KK02				■
	2-component flange	IP55	Top/bottom	8GK9100-0KK01	■	■	■	
	Bushing flange		Busbar system	8GK9100-0KK10	■	■	■	
Cable flange for cable entry (only safety class I)								
   	Version	Degree of protection	Cable diameter	Article No.				
	Blank flange	IP43		8GK9100-0KK02	■	■	■	
		IP55		8GK9100-0KK03	■	■	■	
	Sheet steel, without knockouts	IP55		8GK9100-0KK04	■			
	Flange, incl. 1 cable support sleeve	IP55	14–65 mm	8GK9100-0KK05	■	■	■	
	Flange, incl. 2 cable support sleeves	IP55	14–65 mm	8GK9100-0KK06	■	■	■	
Rubber cable entries								
   	- For inserting in 38 mm diameter knockouts (= Pg29) - Degree of protection IP65							
	No. of	Cable diameter	Article No.					
	1	12...29 mm	8HP1805		■	■	■	■
	2	6...15 mm	8HP1806		■	■	■	■
	3	4...12.5 mm	8HP1807		■	■	■	■
	4	4...12 mm	8HP1808		■	■	■	■
Cable entries for cable entry plate								
	For 8HP1520 cable entry plates							
	Cable diameter	Article No.						
	14...65 mm	8HC6900		■	■	■	■	
Breathers, PG 16								
	- For distribution boards in an outdoor climate to avoid condensate - Degree of protection IP54							
	Article No.							
	8HE8541			■	■	■	■	

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 XL small distribution boards

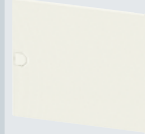
Flush-mounting and hollow-wall distribution boards, rated current up to 63 A

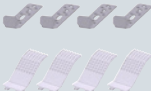
				Complete supply	Project supply	
Degree of protection				IP30	IP30	
						
Recess dimensions			Type	Safety class II	Safety class II	
Width	Depth	Length			Wall-recessed box	Expansion package
Flush-mounting distribution boards						
359 mm	88 mm	393 mm	1-tier	8GB5012-1KM	8GB5212-1KM01	8GB5212-3KM01
		518 mm	2-tier	8GB5024-1KM	8GB5224-1KM01	8GB5224-3KM01
		643 mm	3-tier	8GB5036-1KM	8GB5236-1KM01	8GB5236-3KM01
		768 mm	4-tier	8GB5048-1KM	8GB5248-1KM01	8GB5248-3KM01
Hollow-wall distribution boards						
323 mm	88 mm	355 mm	1-tier	8GB5012-4KM	8GB5212-2KM01	8GB5212-4KM01
		480 mm	2-tier	8GB5024-4KM	8GB5224-2KM01	8GB5224-4KM01
		605 mm	3-tier	8GB5036-4KM	8GB5236-2KM01	8GB5236-4KM01
		730 mm	4-tier	8GB5048-4KM	8GB5248-2KM01	8GB5248-4KM01

Accessories

Terminal strips with plug-in terminals				
	Type	Potential 1	Potential 2	Article No.
	N/PE	$N = 3 \times 25 + 14 \times 4 \text{ mm}^2$	$PE = 3 \times 25 + 14 \times 14 \text{ mm}^2$	8GB5016-5KM
	N/N	$N1 = 3 \times 25 + 14 \times 4 \text{ mm}^2$	$N2 = 3 \times 25 + 14 \times 14 \text{ mm}^2$	8GB5017-5KM
	N	$N = 6 \times 25 + 28 \times 4 \text{ mm}^2$		8GB5020-5KM
	PE	$PE = 6 \times 16 + 28 \times 5 \text{ mm}^2$		8GB5021-5KM
Terminal strips with screw terminals				
	Type	Potential 1	Potential 2	Article No.
	N/PE	$N = 3 \times 16 + 14 \times 10 \text{ mm}^2$	$PE = 3 \times 16 + 14 \times 10 \text{ mm}^2$	8GB5008-5KM
	N/N	$N1 = 3 \times 16 + 14 \times 10 \text{ mm}^2$	$N2 = 3 \times 16 + 14 \times 10 \text{ mm}^2$	8GB5015-5KM
	N	$N = 6 \times 16 + 28 \times 10 \text{ mm}^2$		8GB5010-5KM
	PE	$PE = 6 \times 16 + 28 \times 10 \text{ mm}^2$		8GB5011-5KM
RCCB terminals				
	Use	Potential		Article No.
	For distributing the neutral conductor to two RCCBs	$N = 3 \times 16 + 2 \times 10 \text{ mm}^2$		8GB5005-5KM

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

				Distribution boards without door	Metal doors, white	Plastic doors, white
Degree of protection				IP30	IP30	IP30
						
External dimensions				Safety class II	Safety class II	Safety class II
Width	Depth	Length	Type			
Surface-mounting distribution boards						
305 mm	99 mm	250 mm	1-tier	8GB5012-0KM	8GB5001-5KM	8GB5001-5KM01
		375 mm	2-tier	8GB5024-0KM	8GB5002-5KM	8GB5002-5KM01
		515 mm	3-tier	8GB5036-0KM	8GB5003-5KM	8GB5003-5KM01
		640 mm	4-tier	8GB5048-0KM	8GB5004-5KM	8GB5004-5KM01

Door locking kit				
	Use		Feature	Article No.
	For snapping into door handle		With two keys	8GB5006-5KM
Blanking strips				
	Width	Feature	Color	Article No.
	12 MW	Increased flame protection up to 850 °C	White	8GB4683
Mounting aid for flush mounting				
	Use			Article No.
	For flush-mounting and hollow-wall distribution boards			8GB5013-5KM

ALPHA SIMBOX XL small distribution boards

Multimedia distribution boards, rated current up to 63 A

Surface-mounting distribution boards

Degree of protection IP30



Cutout width	Cutout depth	Cutout length	Type	Safety class II
Hollow-wall/flush-mounting distribution boards				
323 mm	88 mm	605 mm	3-tier	8GB5036-3KM01
		730 mm	4-tier	8GB5048-3KM01
Surface-mounting distribution boards				
323 mm	88 mm	605 mm	3-tier	8GB5036-3KM00
		730 mm	4-tier	8GB5048-3KM00

Accessories

Connecting lugs		
Use		Article No.
For installing several distribution boards in a row, vertically or horizontally		8GB5025-5KM

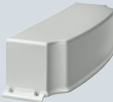
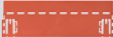
ALPHA SIMBOX WP small distribution boards

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

Degree of protection	Unequipped surface-mounting distribution boards
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				
	- For connection of conduit and cable duct entries - Snap-on mounting			
	MW			Article No.
	12			8GB2051-0
	18			8GB2051-1
N/PE terminal strips				
	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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Catalog LV 10

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Protection, Switching, Measuring and
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Distribution Systems

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



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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

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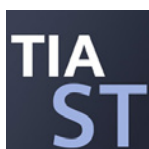
IC 10 Industrial Controls SIRIUS

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



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