

SIVACON S8



Low-voltage power distribution board Up to 690V, 7010A, 150kA



SIVACON

Technology
Partner

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SIVACON S8 Low-Voltage Power Distribution Board Up to 690V, 7010A, 150kA

8 GOOD ARGUMENTS FOR FLEXIBILITY

A

A variety of connection options via vertical section busbars: flexible layout and optional expansions

B

Supply unit and feeder

- Via cable or SIVACON 8PS busbar trunking system from 630 to 6,300 A
- From the top or bottom
- Aluminum or copper busbar trunking system

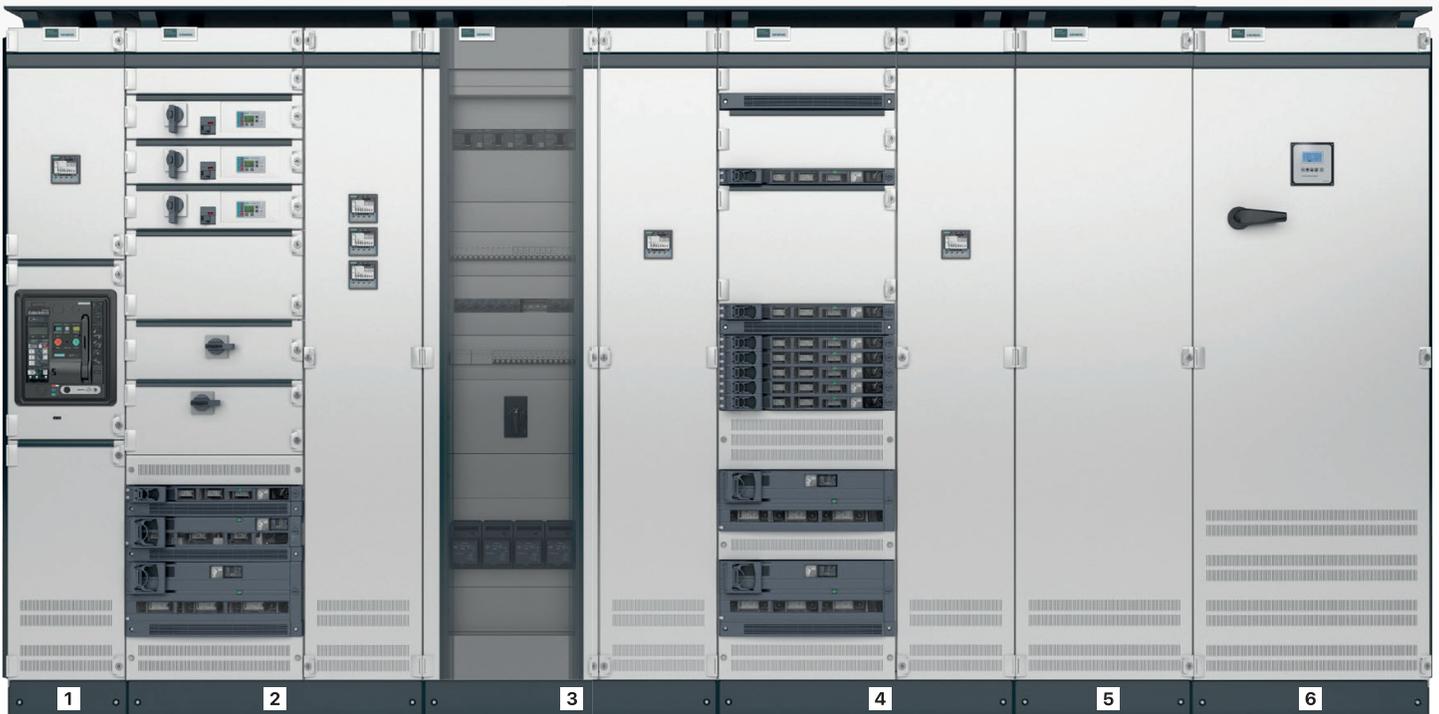
C

The section can be installed – either single- or double fronted – **together with a main busbar system** or back-to-back with a **separate main busbar system**

D

The standardized, circumferential rows of holes in the sheet-steel profiles allow for individual expansion.

SYSTEM OVERVIEW



	1 Circuit breaker design	2 Fixed-mounted design	3 Unive
Mounting design	Fixed-mounted design, withdrawable	Fixed-mounted design with compartment doors, plug-in	Fixed-mo with front
Functions	Supply, outgoing feeder, coupling	Cable feeders	Cable fee
Rated values	Up to 6,300 A	Up to 630 A	Up to 630
Connection position	Front or rear	Front or rear	Front
Cubicle width (mm)	400, 600, 800, 1,000, 1,400	600, 1,000, 1,200	1,000, 1,2
Internal separation	Form 2 ,1b, 3a, 4b, 4 type 7 (BS)	Form 3b, 4a, 4b, 4 type 7 (BS)	Form 2 ,1b
Busbar position	Top/rear	Top/rear	Top/rear

E

High level of flexibility thanks to innovative modular technology

- Different installation designs can be combined in one section
- Functional units are easy to exchange or add

F

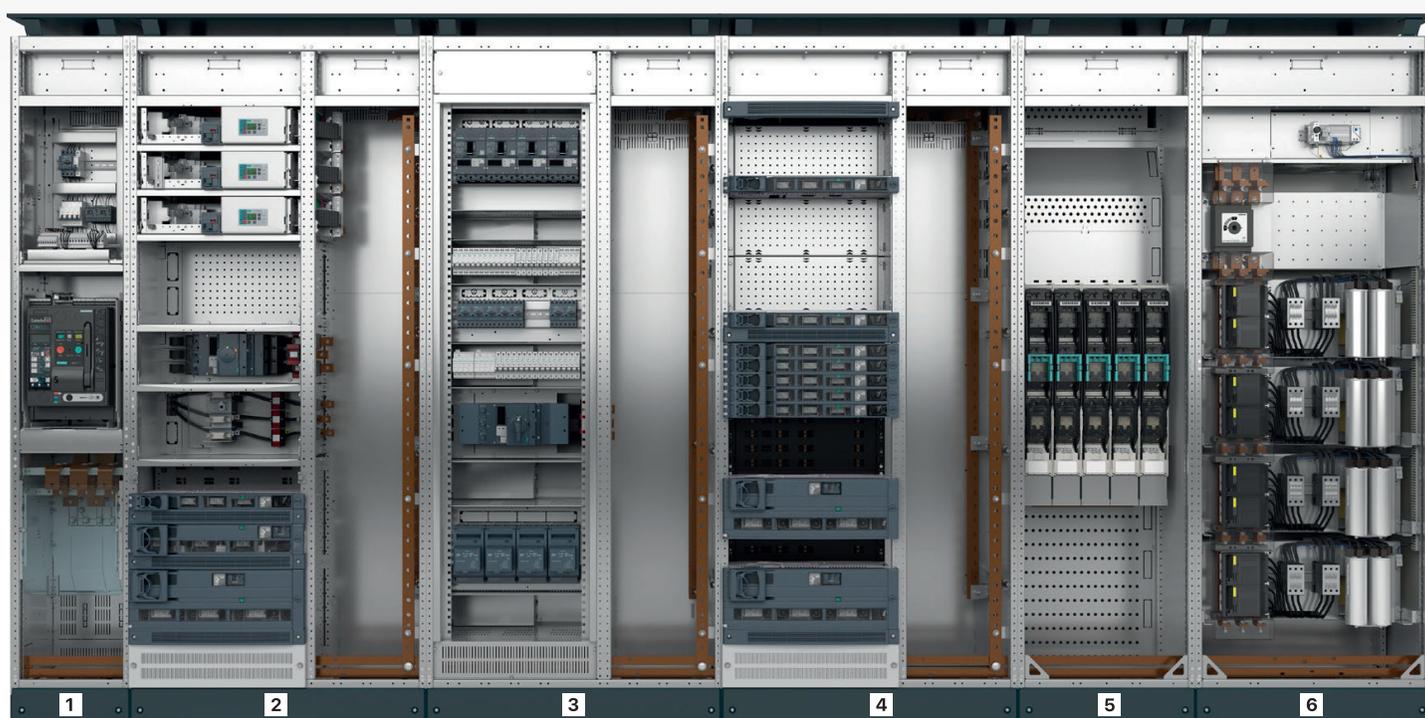
The functional compartments can be divided as required with **add-on modules**.

G

Depending on requirements, different degrees of protection can be implemented with the roof plate-**ventilated or non-ventilated**

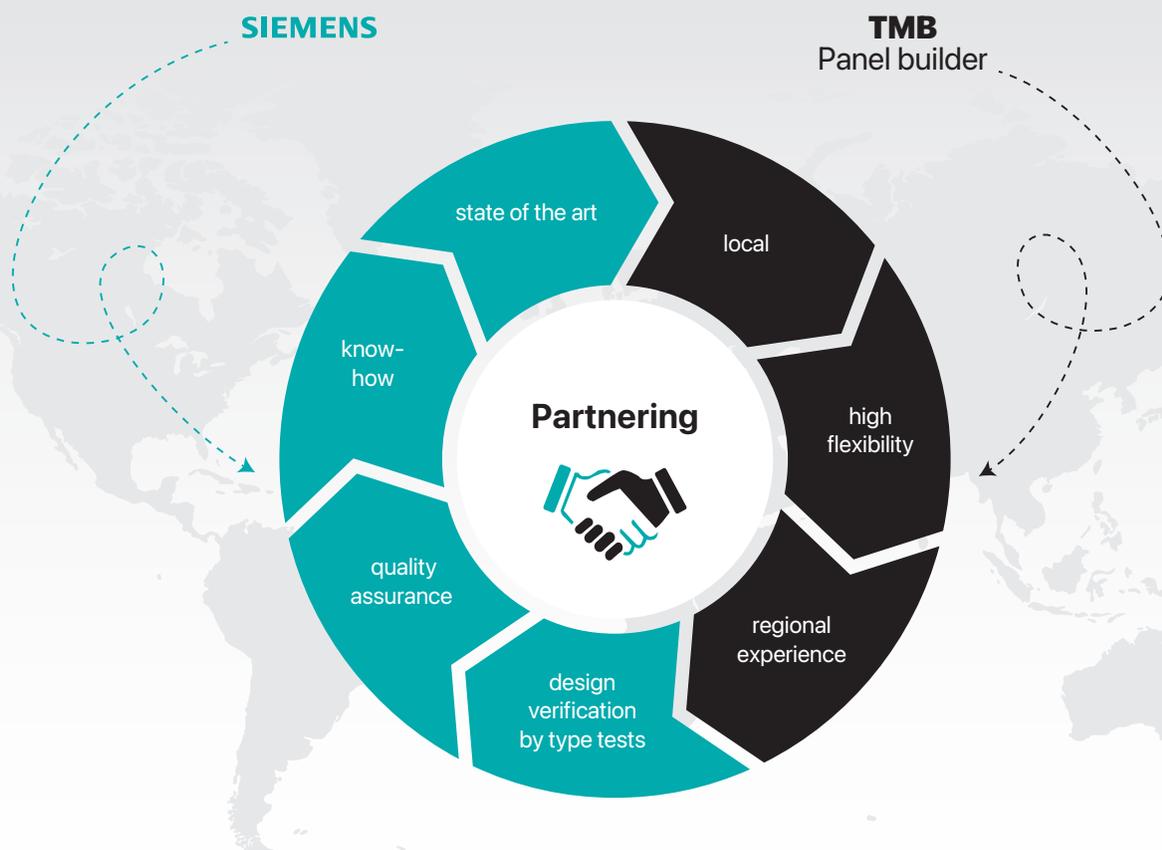
H

The **universal door hinge** allows the hinge side to be easily changed.



Universal mounting system	4 In-line design, plug-in	5 In-line design, fixed-mounted	6 Reactive power compensation
Fixed-mounted design Front covers	Plug-in	Fixed-mounted design	Fixed-mounted design
Cable feeders	Cable feeders	Cable feeders	Central reactive power compensation
Up to 630 A	Up to 630 A	Up to 630 A	Unchoked up to 600 kvar, choked up to 500 kvar
Up to 200	Front	Front	Front
Form 1b, 3b, 4a, 4	1,000, 1,200	600, 800, 1,000	800
	Form 3b, 4b	Form 2, 1b	Form 2, 1b
	Top/rear	Rear	Without/top/rear

▶ PARTNERING CONCEPT



▶ STANDARDS

Standards and regulations	Power switchgear and controlgear assembly (design verification)	IEC 61439-2 DIN EN 61439-2-2 VDE 0660-600-2
	Test of internal fault behaviour (internal arc)	IEC/TR 61641 DIN EN 60439-1 Supplement 2 VDE 0660-500 Supplement 2
	Induced vibrations	IEC 60068-3-3 IEC 60068-2-6 IEC 60068-2-57 IEC 60980 KTA 2201.4 Uniform Building Code (UBC), Edition 1997 Vol. 2, Ch. 19, Div. IV
	Protection against electric shock	EN 50274 (VDE 0660-514)
Approvals	Europe Russia, Belarus, Kasakhstan China	CE marking and EC Declaration of Conformity EAC CCC
	Det Norske Veritas Lloyds Register of Shipping	DNV GL Type Approval Certificate LR Type Approval Certificate
	Shell conformity	"DEP Shell"