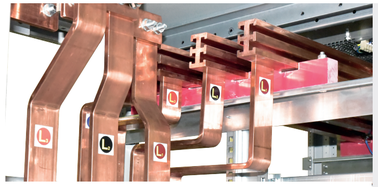
TEMPA PANO
Enclosures engineered...

your reliable solution partner.

Easy BUSBAR Connection System via K-BAR





Separated outgoing terminal box for Form 4b Type 7

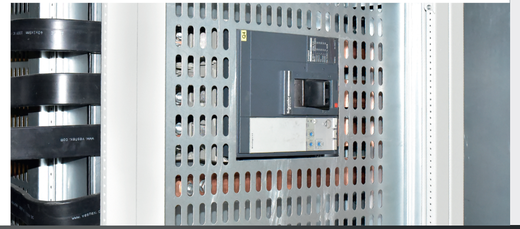
Separated compartment door ready for control and monitoring devices





Terminal connections via flexible-busbar

IP 20 Internal Cover Plate for Form 4b



LVP5000 Systems

Technical Data

General

Reference standards	IEC 61439-2
Installation	Indoor
Cable inlet	Top/bottom
Access	Front/rear
Degree of protection (IP)	20/32/44/54
Form	2b/3b/4b

Dimensions:

Height	2250
Width	400/600/800/1000/1200
Depth	800/1000
Panel coating	Powder coating
Coating thickness	60 µ - 80 µ
Framework	Galvanized/ Painted CRS steel
Panel color	RAL 7035w(standard)

Electrical Data

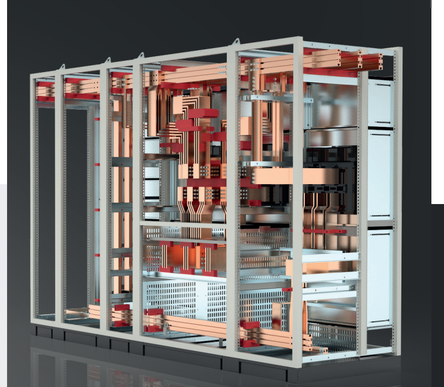
Rated insulation voltage (Ui)	690 V AC
Rated operational voltage (Ue)	400 V AC
Rated frequency (f)	50/60 Hz
Rated impact withstand voltage (Uimp)	8 kV
Auxiliary circuit rated voltage	230 V AC max.
Surge category	IV
Cooling System	Natural
Degree of pollution	3
Rated current (In)	5000 A
Horizontal busbar rating	4000 A
Vertical busbar rating	up to 2000 A

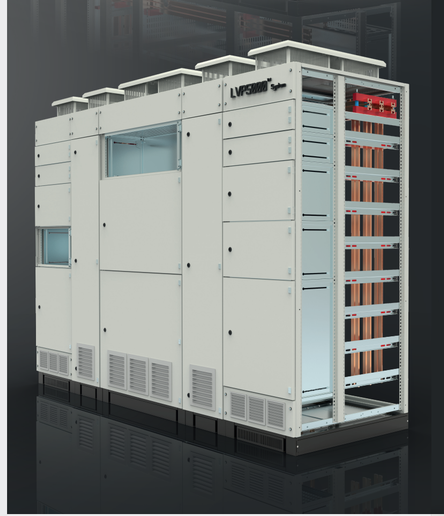
Horizontal busbar:

Rated 1s short-term current (Icw)	50/85/100 kA
Rated peak current	105/187/220 kA

Vertical busbar:

Rated 1s short-term current (Icw)	30/50/85 kA
Rated peak current	63/105/178 kA
Rated conditional short-circuit current (Isc)	100 kA
Earthing system	TT-IT-TNS-TNC
Power incoming and outgoing limits	Up to 5000 A





TEMPA PANO
Enclosures engineered...

+90 262 642 63 40 / sales@tempa.com.tr / satis@tempapano.com www.tempapano.com

TEMPA PANO
Enclosures engineered...

your reliable solution partner.

LVP5000 Systems

Low Voltage Power Distribution System
LVP5000 - the modular, reliable, flexible and economic solution



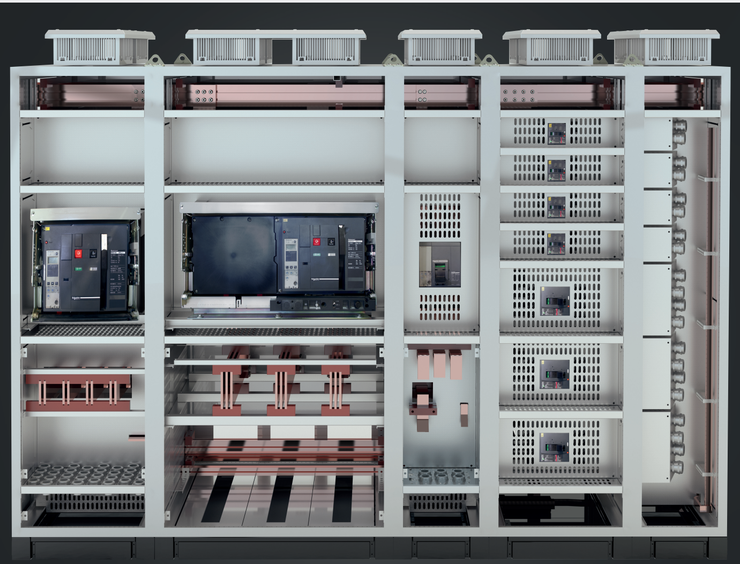
- **Extendable cabinet system**
- **Unique patented busbar system type K-BAR**
- **Natural cooling system**
- **Best performance for even in high protection degree (IP 54)**

Electrical Power Distribution for sophisticated low voltage applications with LVP5000™

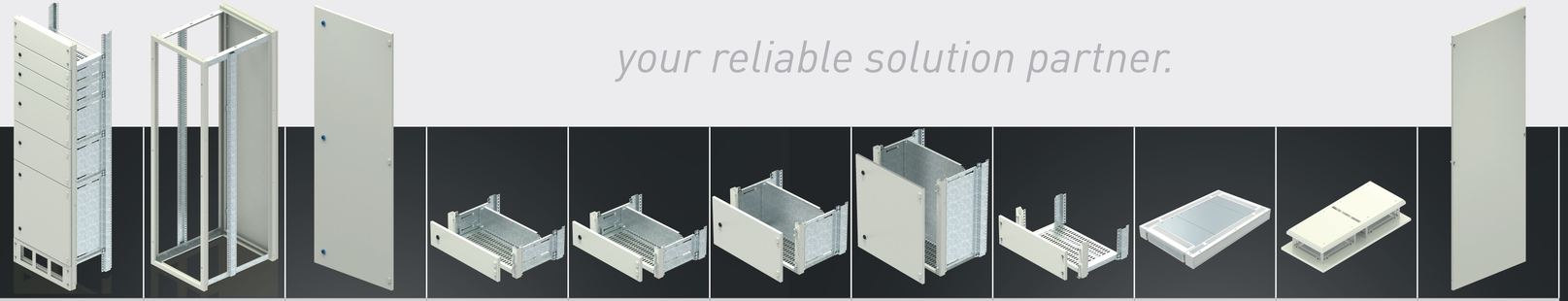
www.tempapano.com

LVPS000 Systems

- All components fitted as Power Switch gear and Control gear assembly according to **IEC61439-1/2** (Design Verified)
- Main bus bar (K-BAR) located in the top and over the whole length accessible without pre-drilled holes
- Protection degree up to **IP54**
- Partitioning up to **Form 4b/type7**
- Cable entry from top and/ or bottom
- End sections can be expanded as standard
- Clear segregation into functional areas
- Enclosure for combination or stand alone mounting



your reliable solution partner.



Dimensions			Frame + Rear Panel	Solid Front Door	MCCB Compartment H160	MCCB Compartment H200	MCCB Compartment H320	MCCB Compartment H640	Busbar Compartment-SOLID H200	PLINTH	TOP COVER / VENTILATION	SIDE PANEL (1 piece)
Width	Height	Depth	Reference	Reference	Reference	Reference	Reference	Reference	Reference	Reference	Reference	Reference
400	1800	800	LVPCC041880	LVPKP0418	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04081	LVPTF0408	LVPYS0418
400	1800	1000	LVPCC041810	LVPKP0418	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04101	LVPTF0410	LVPYS0418
400	2000	800	LVPCC042080	LVPKP0420	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04081	LVPTF0408	LVPYS0420
400	2000	1000	LVPCC042010	LVPKP0420	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04101	LVPTF0410	LVPYS0420
400	2200	800	LVPCC042280	LVPKP0422	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04081	LVPTF0408	LVPYS0422
400	2200	1000	LVPCC042210	LVPKP0422	LVPCMP0416	LVPCMP0420	LVPCMP0432	LVPCMP0464	LVPBCS0402	LVPBZ04101	LVPTF0410	LVPYS0422
600	1800	800	LVPCC061880	LVPKP0618	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06081	LVPTF0608	LVPYS0618
600	1800	1000	LVPCC061810	LVPKP0618	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06101	LVPTF0610	LVPYS0618
600	2000	800	LVPCC062080	LVPKP0620	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06081	LVPTF0608	LVPYS0620
600	2000	1000	LVPCC062010	LVPKP0620	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06101	LVPTF0610	LVPYS0620
600	2200	800	LVPCC062280	LVPKP0622	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06081	LVPTF0608	LVPYS0622
600	2200	1000	LVPCC062210	LVPKP0622	LVPCMP0616	LVPCMP0620	LVPCMP0632	LVPCMP0664	LVPBCS0602	LVPBZ06101	LVPTF0610	LVPYS0622
800	1800	800	LVPCC081880	LVPKP0818	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08081	LVPTF0808	LVPYS0818
800	1800	1000	LVPCC081810	LVPKP0818	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08101	LVPTF0810	LVPYS0818
800	2000	800	LVPCC082080	LVPKP0820	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08081	LVPTF0808	LVPYS0820
800	2000	1000	LVPCC082010	LVPKP0820	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08101	LVPTF0810	LVPYS0820
800	2200	800	LVPCC082280	LVPKP0822	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08081	LVPTF0808	LVPYS0822
800	2200	1000	LVPCC082210	LVPKP0822	LVPCMP0816	LVPCMP0820	LVPCMP0832	LVPCMP0864	LVPBCS0802	LVPBZ08101	LVPTF0810	LVPYS0822
1000	1800	800	LVPCC101880	LVPKP1018	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10081	LVPTF1008	LVPYS1018
1000	1800	1000	LVPCC101810	LVPKP1018	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10101	LVPTF1010	LVPYS1018
1000	2000	800	LVPCC102080	LVPKP1020	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10081	LVPTF1008	LVPYS1020
1000	2000	1000	LVPCC102010	LVPKP1020	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10101	LVPTF1010	LVPYS1020
1000	2200	800	LVPCC102280	LVPKP1022	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10081	LVPTF1008	LVPYS1022
1000	2200	1000	LVPCC102210	LVPKP1022	LVPCMP1016	LVPCMP1020	LVPCMP1032	LVPCMP1064	LVPBCS1002	LVPBZ10101	LVPTF1010	LVPYS1022

Enclosure:

- Degree of protection **IP32/IP44/IP54**
- Internal separation: up to **Form 4b**
- Robust special formed frame system
- Door opening angle ~100 degrees
- Frame elements powder-spray painted
- Complying connections for bus bar trunking system
- Finish in **RAL 7035w**, light grey / other colors on request
- Painted parts: zinc - phosphate pre treated
- All system variants can be combined
- Mounting elements are zinc-plated
- Cladding powder-spray painted

Steel thickness:

• Frame	2.0 mm
• Doors	1.5 mm
• Top and bottom plates	1.5 mm
• For non magnetic purposes (Aluminum)	2.0 – 3.0 mm
• Side, Rear & Plates	1.5 mm
• Galvanized steel for segregation	1.5 mm

Busbar connections with new technology:

- Special formed copper bars with significantly reduced heat loss power and accessibility without pre-drilled holes!

Power functions

Incomers, outgoers and bus- coupler sections for circuit-breakers from **630 to 5000 A**

- Fixed mounting or withdrawable
- Connection with cable or bus bar trunking systems

Outgoing circuit functions

Sections for power outgoers and incomers with fixed compartments up to 630 A.

- Separated dropper bus bar trough
- Separated cable trough for cable connection

TEMPA PANO
Enclosures engineered...

www.tempapano.com
www.tempapano.com