



LV PANELS (FULLY TYPE TESTED)

IEC 61439-1&2

LOW VOLTAGE FULLY TYPE TESTED ASSEMBLIES

Salient Features:

- Design confirms to type test assemblies as per IEC 61439-1&2 assuring you of the highest levels of quality and safety.
- Design and tested with Protection of Internal Arc Classification as per IEC 61641 standard.
- Fully compartmentalized /Non Compartmentalized bolted & modular design.
- For multiple compartment assembly Temperature rise verification done up to 1600A only.
- UV, Corrosion Tests done for Protection of the assembly against environmental conditions.
- Conformance to Seismic withstand up to Zone V.
- Bus bars area is equipped with polyester glass supports for insulation.
- Panel having extendable feature for both sides.
- All variants available with a choice of aluminum and copper for bus-bars.
- Flexible Design of Panels up to 5000 A.
- Factory made Testing setup for each Electrical product.

Reference Standard	IEC 61439 -1&2	IEC 61439 -1&2
Internal Arc Classification	IEC 61641	IEC 61641
Make/MODEL	Siemens - Siepan 8PU	L&T-Ti
Form of separation	Upto Form 4B	Upto Form 4B
Rated operational Voltage @ Frequency (50HZ)	Upto 690V AC.	Upto 690V AC.
Rated current of the busbars	Upto 5000A	Upto 5000A
Rated short time withstand current	Upto 70KA	Upto 65KA
Ambient Temperature	40/45/50 Deg C	+ 40 Deg C
Degree of Protection External/Inernal compartment	Upto IP:5X	Upto IP:6X

