



# SIEPAN 8PU LOW VOLTAGE SWITCHBOARDS



Unit 1 Address: D-38, Phase IV (Extn), IDA., Jeedimetla, Hyderabad - 500 055, T.S. Phone: 040-23091217, 040-23095558, 040-23091222

Unit 2 Address: Plot No. 12, Phase-IV, IDA., Jeedimetla, Hyderabad 500 055, T.S. Phone: 040-40201754

Unit 3 Address: Plot No 7/A, Phase- V, Jeedimetla, Hyderabad - 500 055, T.S. Phone: 040-47766138

# SIEPAN 8PU Low Voltage Switchboards

## Technology by Siemens

### Highlights:

- Conformance to Type Tested Assemblies (TTA) as per IEC 61439 design
- Conformance to Seismic withstand upto Zone V
- Conformance to Internal Arc Containment (IAC)
- Fully compartmentalized, bolted & modular design for PCC & MCC
- Non-compartmentalized drive control panels
- Non-compartmentalized APFC panels

### Customer benefits at a glance:

- Siemens innovation and technology
- Maximum reliability in protection of your plant and equipment
- Maximum safety for operating personnel
- Suited for the most arduous site conditions
- Compact and space saving
- Extensive License Partner network across the country

### Range of Panels:

- Power Control Centres
- Communication capable intelligent power control centres (IPCC)
- Withdrawable motor control centres with patented Alstan busbar technology
- Energy management PCCs for plant and building
- Motor control Centres – Fuseless and with Fuse
- Intelligent motor control centres (IMCCs)
- Integrated PMCCs for Ethernet Connectivity
- Automatic power factor correction panels
- All variants available with a choice of aluminum and copper for busbars
- Degree of ingress protection upto IP54 for all ratings

### Technical Specifications:

Conformance to standards	IS8623-1 / IEC 439
Internal Arc Containment	IEC 61641
Seismic withstand	IS 1893
Short circuit withstand (Icw) - main bus	65kA / 1sec / 143kA peak
Short circuit withstand (Icw) - neutral	39kA / 1sec / 82kA peak
Short circuit withstand (Icw) - earth	39kA / 1sec / 82kA peak
Degree of protection (IP)	IP 4X, 5X, X3, X4
Ambient temperature	40° C / 45° C / 50° C
Temperature rise	As per IEC 61439-2
Seismic conformance test	Zone III & V
Rated insulation voltage	upto 1000V
Rated operational voltage	upto 690V

Rated impulse withstand	8kV
Main busbar rating	upto 5000A
Busbar execution	Interleaved / non-Interleaved
Busbar options	Copper / aluminium
Infeed termination	Cable / bus ways / busduct
Infeed entry	Top / bottom
Cable feeder access	Front / rear*
ACB cubicle	Single tier
Form of separation	upto form 4B
Standard height	2300mm
Standard depth	1120mm / 560mm
Standard colour shade	RAL 7035

