Product Profile 2027

A P J Engineers Pvt. Ltd. · Licensed OEM panel builder · Schneider Electric

APJ HT Panels

HT switchgear, 11 kV and 33 kV, from the same hands as your LT.

VCB panels, outdoor kiosks, ring main units and compact substations, engineered and commissioned by APJ: a licensed Schneider Electric OEM panel builder and authorised Stelmec HT partner.



11 kV · 33 kV
Indoor and outdoor switchgear

Schneider OEM
Licensed panel builder, HT and LT

VCB · RMU · CSS
The full HT line

HT to LT
One supplier, one interface



Range and specification

Everything on the high-tension side.

From the utility incomer to the transformer, and on to the LT panel. We supply the HT line and build the LT line, so the two are designed as one system.

Range	
System voltage	11 kV and 33 kV; 6.6 kV on request
Rated current	Up to 2500 A
Breaking capacity	25 kA, 31.5 kA and 40 kA
Indoor panels	Metal-clad VCB panels: incomer, feeder, bus coupler, metering
Outdoor	VCB kiosks (ICOG) and ring main units
Compact substations	HT switchgear, transformer and LT panel in one enclosure, 100 kVA to 5000 kVA
Protection	Numerical relays with metering and communication
Busbar	Copper
Enclosure	IP4X indoor; weatherproof for outdoor
Standard	IEC 62271-200; type-tested designs of our HT principals

Make of breaker and relay as specified: Schneider Electric and other approved makes.



Outdoor VCB kiosk and ring main unit on plinths in a switchyard.

Where it is used

- Substations
- Industrial plants
- Commercial towers
- Hospitals
- Solar and hydro plants
- Infrastructure
- Housing townships

HT and LT as one package

HT panel, transformer, busduct link and main LT panel on one order. Protection grading, interlocks and terminations are settled in our design office, not argued at site.



Scope and track record

Engineered, supplied and commissioned.

01 **System study**
Single-line diagram, fault level and protection scheme reviewed with your consultant.

02 **Engineering**
GA, schematic and relay settings prepared for approval.

03 **Manufacture**
Type-tested HT designs built with our principals; LT side built in our own works.

04 **Factory tests**
Routine tests and client-witnessed inspection before dispatch.

05 **Installation**
Erection, HT cable termination and earthing by our site team.

06 **Commissioning**
Relay testing, breaker timing, insulation and high-voltage tests, energising and handover.



Compact substation being placed on its foundation.

Experience

- HT VCB panels, kiosks and RMUs supplied as authorised Stelmec partner to utilities and EPC contractors across India
- HT capacitor panels for hydro-electric projects in Jammu & Kashmir
- LT designs type-tested to IEC 61439 at ASTA, CPRI and ERDA up to 6300 A and 85 kA
- Complete power packages for hospitals, data centres, coastal road and metro projects





Why APJ

Why APJ for HT.

One supplier, HT to LT

No gap between the HT vendor and the LT vendor.

Licensed Schneider OEM

Licensed OEM panel builder for Schneider Electric, in high tension and low tension.

Type-tested designs

HT designs proven by our principals; LT designs proven by us.

Commissioning team

Relay testing and energising by our own engineers.

Substations as a unit

Compact substations delivered ready to connect.

30 years in power

Panels, DG and distribution since 1994.



Part of a complete power package

APJ Engineers builds LT and HT panels, supplies busduct and track busway, DG sets, acoustic enclosures and cable trays. Order one item or the whole power train from one accountable supplier.

Talk to us

Works

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