

## ▶ SIEMENS LV TTA PANELS – SIEPAN 8PU

SIEMENS

Licensed  
PartnerFor  
SIEPAN 8PU

### PCC, IMCC, APFC solutions

**SIEPAN 8PU is totally type tested (TTA) for its design reliability as per IS/IEC 61334 1&2**

Siemens 8PU is designed to operate in challenging conditions of high ambient & dust. 8PU Low voltage switchboards have been patronized by various segments like cement, steel, refinery, oil & gas, pharma, F&B, data centres, hospitals & hotels, metro-rail projects for maximum reliability and performance.

### Highlights :

- Conformance to Type Tested assemblies (TTA)
- 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 & 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

|  |                               |
|--|-------------------------------|
| Conformance to standards                 | IEC 61439                     |
| 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                  |
| Form of separation                       | upto form 4B                  |