

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G105215833LCS001 **Certificate No:** ASTA-TYPE-0002184

Vendor: Switchgear and Control Automations
No.37, 5th Cross, Doddamma layout, Hulimavu, Bannerghatta Road, Bangalore-76,
Karnataka, India.

Apparatus: 4000A, 415V/690V/8kV ($U_e/U_i/U_{imp}$), 50Hz, IP43, right hand side extendable, fan cooled, power switchgear and controlgear (PSC) assembly incorporating a three-phase and neutral, vertical and horizontal busbar system with one incoming ACB unit, one outgoing ACB unit, three outgoing MCCB units and a protective circuit.

Tested By: Electrical Research & Development Association, Vadodara-390010, India and
GIGA Labs, Bengaluru-560067, India.

Test Report No: 202108552-001, WO-2122-014205 & WO-2223-003511

Designation: LT PCC PANEL

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 61439-2: Edition 3.0 2020-07

Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 3.0, 2020-05

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|---|--|
| 1: Strength of material and parts | 6/7/8: No verification by testing required |
| 2: Degree of protection of enclosures | 9: Dielectric properties |
| 3: Clearances | 10: Temperature-rise |
| 4: Creepage distances | 11: Short-circuit withstand strength |
| 5: Protection against electric shock and integrity of protective circuits | 12: Electromagnetic compatibility (EMC) |

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.



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Abdul Majid

Certification Engineer
Abdul Majid

C. Nick-Evans

Certification Officer
C Diack-Evans

6 October 2022

Date