

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G105878930LCS003 **Certificate No:** ASTA-TYPE-0003436

Applicant: Techno Electro Power Industrial WLL
Building 765, Road 4811, Block 948, Lhassay Area, Kingdom of Bahrain

Apparatus: 100A, 240/415V (U_e), 500V/4kV (U_i/U_{imp}), 50Hz, power switchgear and controlgear (PSC-Assembly) incorporating two sets (6+8ways) of three-phase vertical tin plated copper busbars systems, two neutral links with tin plated copper bars with brass links, one incoming 3P isolator unit with a neutral busbar, two outgoing distribution 4P RCCB units, one RCCB supplying a 6 way pan assembly with four 3P MCB units and six 1P MCB units and the other RCCB supplying an 8 way pan assembly with five 3P MCB units and nine 1P MCB units, and a tin plated copper bar with brass link as a protective circuit.
IP41, IK10, mean/maximum ambient temperature 50°C/55°C.

Manufactured By: Techno Electro Power Industrial WLL
Building 765, Road 4811, Block 948, Lhassay Area, Kingdom of Bahrain

Test Report No: 2410.07.03

Designation: 8+6 Way TPN DB-TYPE TEST 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

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 limits
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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Sreekumar

Sreekumar P
Certification Engineer

C. Diack-Evans

C Diack-Evans
Certification Officer

5th August 2025

Date