

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104216708LCS005 **Certificate No:** ASTA-TYPE-000768

Applicant: LS ELECTRIC Co., Ltd., 68, Wolmyeong-ro, 201 beon-gil, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Korea, 28439

Apparatus: 2500 A, 415 V / 750 V / 8 kV ($U_n = U_e / U_i / U_{imp}$), 50/60 Hz, IP 43, Form 4b, Power Switchgear and Controlgear Assembly (PSC-Assembly) incorporating three phase & neutral horizontal and vertical busbar systems, a protective conductor, one 2500 A incoming ACB and four outgoing functional units comprising: MCCBs 1250 A, 630 A, 350 A and 160 A.

Vendor: The PSC-Assembly is suitable for indoor use and has a metallic enclosure.
Modutec Ready Panels PVT. LTD, No. 03, K.Ashwath Industrial Layout Uttari Road, off Kanakapura Road, Kaggalipura, Bengaluru, Karnataka, India, 560116

Test Report No: R420-0063

Designation: MDB - 2500A MODULAR LV MDB

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

IEC 61439-2: Edition 2.0 2011-08 & BS EN 61439-2, 2011

Verifications with reference to the tests listed in Annex D of IEC 61439-1 Edition 2.0 2011-08

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|---|---|
| 1: Strength of material and parts | 9: Dielectric properties |
| 2: Degree of protection of enclosures | 10: Temperature-rise limits |
| 3: Clearances | 11: Short-circuit withstand strength |
| 4: Creepage distances | 12: Electromagnetic compatibility (EMC) |
| 5: Protection against electric shock and integrity of protective circuits | 13: Mechanical operation |
| 6/7/8: No verification by testing required | |

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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Certification Engineer

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Certification Officer

10th December 2020
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Date