

TEST CERTIFICATE

Issued to: LS ELECTRIC CO. LTD
CheongJu Plant 2
Wolmyeong-ro #201 68, Heung deok-gu, Cheongju-si
Chungcheongbuk-do
South Korea

For the product: Low-voltage switchgear and controlgear assembly

Trade name: LS ELECTRIC - EMSOL

Type/Model: 1600A Modular Panel Board

Ratings: I_{NA} 1600 A (at 50 °C ambient), U_e 415 V, U_i 1000 V, max. U_{imp} 12 kV
IP55, max. IK10
 I_{cw} 50 kA - 3 s (main busbar and incoming unit),
 I_{cw} 50 kA - 1 s (distribution busbar),
 I_{cc} 50 kA at 415 V (incoming unit and outgoing units)
For more details see annex

Manufactured by: LS ELECTRIC CO. LTD
RMZ Northstar, Unit #5, Ambedkar Colony
Yelahanka, Bengaluru
Karnataka, India - 560064

Subject: Design verification

Requirements: IEC 61439-2:2020, Ed 3.0
Clauses 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 8.101

Remarks: -

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 4600263.01-INC, dated 28 October 2022.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 28 October 2022

Number: 4600263.100

DEKRA Certification B.V.



H.L. Schendstok
Certification Manager

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