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## **TEST CERTIFICATE**

Issued to:	Polar Switchgear Manufacturing LLC PO Box: 3756 Sharjah, United Arab Emirates
For the product:	Low-voltage switchgear and controlgear assembly
Trade name:	Polar Switchgear Manufacturing LLC
Type/Model:	Polar Power Master 400 A SMDB/MDB/ATS
Ratings:	I <sub>nA</sub> 400 A (50 °C ambient), U <sub>e</sub> 415 V, U <sub>i</sub> 690 V (outgoing units)/ U <sub>i</sub> 800 V (incoming unit and main busbar), U <sub>imp</sub> 6 kV (outgoing units) / U <sub>imp</sub> 8 kV (incoming unit and main busbar), IP54, IK10 (maximum), Form 2b I <sub>ow</sub> 42 kA - 1 s, I <sub>ow</sub> 25 kA - 3 s, I <sub>cc</sub> max, 42 kA at 415 V For more details see annex
Manufactured by:	Polar Switchgear Manufacturing LLC Street 8, PO Box 3756, Industrial Area No.5 Sharjah, United Arab Emirates
Subject:	Design verification
Requirements:	IEC 61439-2:2020 edition/3.0 Clauses 8.101, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10.2.3.5, 10.11, 10.12
Remarks:	Tested for top and bottom incomer – 4/ways to 18/ways.
This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid	

This Test Certificate is granted on account of an examination by DEKRA, the results of whit down in report no. 4600157.02-INC, dated 20 July 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, 20 July 2022

Number: 4600157.101

DEKRA Certification B.V.

F.S. Strikwerda Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

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