

Certificate No.: SGS/230227

CERTIFICATE OF SUITABILITY

This certificate is issued by **SGS Australia Pty Ltd** in accordance with the SGS Electrical Type Testing Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065. SGS certifies the electrical equipment described hereunder complies with the standard/s listed herein. It is a requirement that the electrical equipment supplied under this certificate shall be identical to the electrical equipment as certified. The electrical equipment may be marked with the regulatory compliance mark (RCM) in accordance with its conditions of use as set out in AS/NZS 4417.1 and the authorised marking as specified herein.

CERTIFICATE HOLDER

Company Name: Grundfos Holding A/S

Address: Poul Due, Jensens Vej 7; 8850 Bjerringbro, Denmark

CERTIFICATION DETAILS

Certification Standard: IEC 62109-1:2010 and IEC 62109-2:2011

Conditions: Only for solar pump application. Suitable for sale in Australia / New Zealand.

Authorised Marking: SGS-230227-E
Certificate Issue Date: 13 April 2023
Certificate Expiry Date: 12 April 2028

ELECTRICAL EQUIPMENT

Description: Frequency Converter

Remark Certificate revised on 22/11/2023 based on a correction report No. 2219/0368-1, date of correction 17 Nov 2023,

issued by SGS Tecnos

Trade Name Model Number Ratings

GRUNDFOS RSI0100-3L-0016-5 Input: 436-800 Vdc; 18.0 A; 7.5 kW;

Output: 0-500 Vac; 16 A; 8.0 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21 or IP54.

GRUNDFOS RSI0100-3L-0031-5 Input: 436-800 Vdc; 35.0 A; 15 kW;

Output: 0-500 Vac; 31 A; 15.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21 or IP54.

GRUNDFOS RSI0100-3L-0061-5 Input: 436-800 Vdc; 69.0 A; 30 kW;

Output: 0-500 Vac; 61 A; 30.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

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available with IP21 or IP54.

GRUNDFOS RSI0100-3L-0087-5 Input: 436-800 Vdc; 100.0 A; 45 kW;

Output: 0-500 Vac; 87 A; 43.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21 or IP54.

GRUNDFOS RSI0100-3L-0105-5 Input: 436-800 Vdc; 121.0 A; 55 kW;

Output: 0-500 Vac; 105 A; 52.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21 or IP54.

Input: 436-800 Vdc; 239.0 A; 110 kW; GRUNDFOS RSI0100-3L-0205-5

Output: 0-500 Vac; 205 A; 102.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21; IP54 or IP00.

GRUNDFOS RSI0100-3L-0261-5 Input: 436-800 Vdc; 304.0 A; 132 kW;

Output: 0-500 Vac; 261 A; 130.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21; IP54 or IP00.

RSI0100-3L-0310-5 Input: 436-800 Vdc; 361.0 A; 160 kW; GRUNDFOS

Output: 0-500 Vac; 310 A; 155.0 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21; IP54 or IP00.

Input: 436-800 Vdc; 454.0 A; 200 kW; GRUNDFOS RSI0100-3L-0386-5

Output: 0-500 Vac; 385 A; 192.5 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

available with IP21; IP54 or IP00.

GRUNDFOS RSI0100-3L-0460-5 Input: 436-800 Vdc; 542.0 A; 250 kW;

Output: 0-500 Vac; 460 A; 230.0 kVA; 0-320 Hz; Class I;

Current values are maximum continuous values. Input values are DC. Voltage and power are rated values. Maximum operating temperature: +50 °C with derating (1.5%/1°C) above 40°C. Model

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