

Certificate No.: SGS/230279

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 62109-2:2011 and IEC 62109-1:2010
 Conditions: Suitable for sale in Australia / New Zealand
 Only for solar pump application
 Authorised Marking: SGS-230279-E
 Certificate Issue Date: 21 April 2023
 Certificate Expiry Date: 20 April 2028

ELECTRICAL EQUIPMENT

Description: Frequency Converter
 Remark: Certificate revised on 22/11/2023 based on a correction report No. 2219/0368-2, date of correction 17 Nov 2023, issued by SGS Tecnos

Trade Name	Model Number	Ratings
GRUNDFOS	RSI0100-3L-0008-2-X	234-400 Vdc; 6.4 A; 1.5 kW; 0-240 Vac; 8 A; 1.9 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0011-2-X	234-400 Vdc; 9.4 A; 2.2 kW; 0-240 Vac; 11 A; 2.6 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0012-2-X	234-400 Vdc; 12.8 A; 3 kW; 0-240 Vac; 12.5 A; 3.0 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0018-2-X	234-400 Vdc; 17.1 A; 4 kW; 0-240 Vac; 18 A; 4.3 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.



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GRUNDFOS	RSI0100-3L-0024-2-X	234-400 Vdc; 23.5 A; 5.5 kW; 0-240 Vac; 24.2 A; 5.8 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0031-2-X	234-400 Vdc; 32.1 A; 7.5 kW; 0-240 Vac; 31 A; 7.4 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0048-2-X	234-400 Vdc; 47 A; 11 kW; 0-240 Vac; 48 A; 11.5 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0062-2-X	234-400 Vdc; 64.1 A; 15 kW; 0-240 Vac; 62 A; 14.9 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0005-4-X	436-800 Vdc; 5 A; 2.2 kW; 0-480 Vac; 5.6 A; 2.7kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0008-4-X	436-800 Vdc; 6.9 A; 3 kW; 0-480 Vac; 8 A; 3.8 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0009-4-X	436-800 Vdc; 9.2 A; 4 kW; 0-480 Vac; 9.6 A; 4.6 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0012-4-X	436-800 Vdc; 12.6 A; 5.5 kW; 0-480 Vac; 12 A; 5.8 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0016-4-X	436-800 Vdc; 17.2 A; 7.5 kW; 0-480 Vac; 16 A; 7.7 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0023-4-X	436-800 Vdc; 25.2 A; 11 kW; 0-480 Vac; 23 A; 11.0 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0031-4-X	436-800 Vdc; 34.4 A; 15 kW; 0-480 Vac; 31 A; 14.9 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0038-4-X	436-800 Vdc; 42.4 A; 18.5 kW; 0-480 Vac; 38 A; 18.2 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.



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GRUNDFOS	RSI0100-3L-0046-4-X	436-800 Vdc; 50.5 A; 22 kW; 0-480 Vac; 46 A; 22.1 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0061-4-X	436-800 Vdc; 68.8 A; 30 kW; 0-480 Vac; 61 A; 29.3 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.
GRUNDFOS	RSI0100-3L-0072-4-X	436-800 Vdc; 84.9 A; 37 kW; 0-480 Vac; 72 A; 34.67 kVA; 0-320 Hz; IP66; Class I; Input values are DC; Voltage and power are rated values; Maximum operating temperature: +60 °C with derating (2.5%/1°C) above 40°C.



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