

Certificate



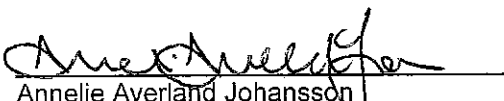
for European Product Safety

Reference No. 900418

Immersion heater

Type designation	SQG, SRF, SGL, STI, SST, SFO
Certificate holder	SCANDYMET AB Box 72 826 22 Söderhamn SWEDEN
The product complies with the standard(s)	EN 60335-1:2002+A11+A1+A12+A2+A13 EN 60335-2-73:2003+A1 EN 62233:2008
Date of expiry	22 June 2014
EU Directive information	The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body	Intertek Semko AB, Product Certification	Place	Kista - Stockholm
Signed	 Annelie Averland Johansson	Date	22 June 2009 Page 1 of 6

This certificate is issued in accordance with the terms and conditions set out in the Appendix.



Appendix

Reference No. 900418

Technical data

Type designation	SQG
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Quartz glass enclosure

Type designation	SQG
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Quartz glass enclosure

Type designation	SGL
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Glass enclosure

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.



Appendix

Reference No. 900418

Type designation	SGL
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Glass enclosure

Type designation	STI
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Titanium enclosure

Type designation	STI
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Titanium enclosure

Type designation	SST
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Steel enclosure

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Appendix

Reference No. 900418

Type designation	SST
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Steel enclosure

Type designation	SRF
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel enclosure

Type designation	SRF
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel enclosure

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Appendix

Reference No. 900418

Type designation	SFO
Rated voltage (V)	230
Rated power (W)	1000, 1800, 2200, 2800, 3300
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel heavy duty enclosure

Type designation	SFO
Rated voltage (V)	400 3AC
Rated power (W)	1000, 1800, 2200, 2800, 3300
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Stainless steel heavy duty enclosure

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Appendix

Reference No. 900418

Manufacturing site(s) Scandymet AB
Växelgatan 5
826 40 Söderhamn
SWEDEN

Safety related parts of the user instructions shall be written in a language acceptable to the country where the product is to be used.

This certificate, which includes production control, is considered to constitute sufficient support for an EC Declaration of Conformity and CE marking of the products according to the Low Voltage Directive 2006/95/EC.

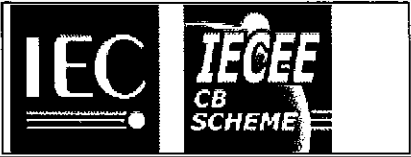
There shall always be a external thermal cut out circuit installed with the heaters.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed  *Date* 22 June 2009
Annelie Averland Johansson

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CHJ



Ref. Certif. No.

SE-57997

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Immersion heater

Name and address of the applicant
Nom et adresse du demandeur

SCANDYMET AB, Box 72, 826 22 Söderhamn, SWEDEN

Name and address of the manufacturer
Nom et adresse du fabricant

Same as applicant

Name and address of the factory
Nom et adresse de l'usine

Scandymet AB, Växelgatan 5, 826 40 Söderhamn, SWEDEN

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème}

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

230V, 240V, 230V 3AC, 400V 3AC, 415V 3AC, 50Hz, Class I, IP66, 1000-4500W
See also page 2

Trademark (if any)
Marque de fabrique (si elle existe)

SCANDYMET

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

SQG, SRF, SGL, STI, SST, SFO

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2^{ème} page)

There shall always be thermal cut out circuits installed with the heaters.

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60335-1:2001+A1+A2
IEC 60335-2-73:2002+A1

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

900418-1

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Intertek ETL SEMKO

Signature:

Paul Klemets

Date: 22 June 2009

Additional information (if necessary)
Information complémentaire (si nécessaire)

Type designation	SQG
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Quartz glass enclosure

Type designation	SQG
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Quartz glass enclosure

Type designation	SGL
Rated voltage (V)	230, 240
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Glass enclosure

Type designation	SGL
Rated voltage (V)	230 3AC, 400 3AC, 415 3AC
Rated power (W)	1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz)	50
Class	I
IP-Class	66
Product information	Glass enclosure

Date: 22 June 2009

Signature: 



Ref. Certif. No.

SE-57997

Type designation STI
 Rated voltage (V) 230, 240
 Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Titanium enclosure

Type designation STI
 Rated voltage (V) 230 3AC, 400 3AC, 415 3AC
 Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Titanium enclosure

Type designation SST
 Rated voltage (V) 230, 240
 Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Steel enclosure

Type designation SST
 Rated voltage (V) 230 3AC, 400 3AC, 415 3AC
 Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Steel enclosure

Type designation SRF
 Rated voltage (V) 230, 240
 Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
 Frequency (Hz) 50
 Class I
 IP-Class 66
 Product information Stainless steel enclosure

Date: 22 June 2009

Signature: 

su



Ref. Certif. No.

SE-57997

Type designation SRF
Rated voltage (V) 230 3AC, 400 3AC, 415 3AC
Rated power (W) 1000, 2000, 2500, 3000, 3500, 4500
Frequency (Hz) 50
Class I
IP-Class 66
Product information Stainless steel enclosure

Type designation SFO
Rated voltage (V) 230
Rated power (W) 1000, 1800, 2200, 2800, 3300
Frequency (Hz) 50
Class I
IP-Class 66
Product information Stainless steel heavy duty enclosure

Type designation SFO
Rated voltage (V) 400 3AC
Rated power (W) 1000, 1800, 2200, 2800, 3300
Frequency (Hz) 50
Class I
IP-Class 66
Product information Stainless steel heavy duty enclosure

Date: 22 June 2009

Signature: 