



Ref. Certif. No.

SI-3236

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

DC/DC Converter

Name and address of the applicant
Nom et adresse du demandeur

TRACO ELECTRONIC AG
Jenatschstrasse 1, CH-8002 Zürich, Switzerland

Name and address of the manufacturer
Nom et adresse du fabricant

TRACO ELECTRONIC AG
Jenatschstrasse 1, CH-8002 Zürich, Switzerland

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

[Redacted]

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

See pages from 2 to 9.

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

TRACO POWER

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

/

Model / Type Ref.
Ref. De type

See pages from 2 to 9.

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

/

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

IEC60950-1:2005(2nd Ed.)+A1:2009

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

T223-0071/12

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



Slovenski institut za kakovost in meroslovje
Slovenian Institute of Quality and Metrology
Tržaška c. 2, SI-1000 Ljubljana, Slovenia
Product Certification Body is accredited by Slovenian Accreditation, Reg. No.: CP-001

Date: 2012-03-12

Signature: Alja Pregl

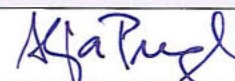
Ratings and principal characteristics, Model / Type Ref.

THL 3WI series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 3-2410WI	nominal: 24 Vdc	110	3,3	600
THL 3-2411WI		160	5,0	600
THL 3-2412WI	range: 9 – 36 Vdc	160	12	250
THL 3-2413WI		160	15	200
THL 3-2415WI		160	24	125
THL 3-2421WI		160	±5	±300
THL 3-2422WI		160	±12	±125
THL 3-2423WI	input fuse: 1500mA	160	±15	±100
THL 3-4810WI	nominal: 48 Vdc	55	3,3	600
THL 3-4811WI		80	5,0	600
THL 3-4812WI	range: 18 – 75 Vdc	80	12	250
THL 3-4813WI		80	15	200
THL 3-4815WI		80	24	125
THL 3-4821WI		80	±5	±300
THL 3-4822WI		80	±12	±125
THL 3-4823WI	input fuse: 800mA	80	±15	±100

Date: 2012-03-12

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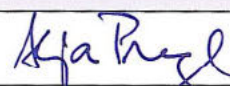


THL 3 WISM series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 3-2410WISM	nominal: 24 Vdc	110	3,3	600
THL 3-2411WISM		160	5,0	600
THL 3-2412WISM	range: 9 – 36 Vdc	160	12	250
THL 3-2413WISM		160	15	200
THL 3-2415WISM		160	24	125
THL 3-2421WISM		160	±5	±300
THL 3-2422WISM		160	±12	±125
THL 3-2423WISM	input fuse: 1500mA	160	±15	±100
THL 3-4810WISM	nominal: 48 Vdc	55	3,3	600
THL 3-4811WISM		80	5,0	600
THL 3-4812WISM	range: 18 – 75 Vdc	80	12	250
THL 3-4813WISM		80	15	200
THL 3-4815WISM		80	24	125
THL 3-4821WISM		80	±5	±300
THL 3-4822WISM		80	±12	±125
THL 3-4823WISM	input fuse: 800mA	80	±15	±100

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THL 6WI series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 6-2410WI	nominal:	260	3,3	1450
THL 6-2411WI	24 Vdc	300	5,0	1200
THL 6-2412WI		300	12	500
THL 3-2413WI	range:	300	15	400
THL 6-2415WI	9 – 36 Vdc	300	24	250
THL 6-2421WI		300	±5	±600
THL 6-2422WI	input fuse:	300	±12	±250
THL 6-2423WI	1500mA	300	±15	±200
THL 6-4810WI	nominal:	130	3,3	1450
THL 6-4811WI	48 Vdc	150	5,0	1200
THL 6-4812WI		150	12	500
THL 6-4813WI	range:	150	15	400
THL 6-4815WI	18 – 75 Vdc	150	24	250
THL 6-4821WI		150	±5	±600
THL 6-4822WI	input fuse:	150	±12	±250
THL 6-4823WI	750mA	150	±15	±200

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THL 6WISM series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 6-2410WISM	nominal:	260	3,3	1450
THL 6-2411WISM	24 Vdc	300	5,0	1200
THL 6-2412WISM		300	12	500
THL 3-2413WISM	range:	300	15	400
THL 6-2415WISM	9 – 36 Vdc	300	24	250
THL 6-2421WISM		300	±5	±600
THL 6-2422WISM	input fuse:	300	±12	±250
THL 6-2423WISM	1500mA	300	±15	±200
THL 6-4810WISM	nominal:	130	3,3	1450
THL 6-4811WISM	48 Vdc	150	5,0	1200
THL 6-4812WISM		150	12	500
THL 6-4813WISM	range:	150	15	400
THL 6-4815WISM	18 – 75 Vdc	150	24	250
THL 6-4821WISM		150	±5	±600
THL 6-4822WISM	input fuse:	150	±12	±250
THL 6-4823WISM	750mA	150	±15	±200

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THL 10WI series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 10-2410WI	nominal: 24 Vdc	400	3,3	2200
THL 10-24110WI		500	5,0	2000
THL 10-2411WI		500	5,1	2000
THL 10-2412WI	range: 9 – 36 Vdc	500	12	830
THL 10-2413WI		500	15	660
THL 10-2415WI		500	24	410
THL 10-2421WI	input fuse: 2000mA	500	±5	±1000
THL 10-2422WI		500	±12	±410
THL 10-2423WI		500	±15	±330
THL 10-4810WI	nominal: 48 Vdc	200	3,3	2200
THL 10-48110WI		250	5,0	2000
THL 10-4811WI		250	5,1	2000
THL 10-4812WI	range: 18 – 75 Vdc	250	12	830
THL 10-4813WI		250	15	660
THL 10-4815WI		250	24	410
THL 10-4821WI	input fuse: 1000mA	250	±5	±1000
THL 10-4822WI		250	±12	±410
THL 10-4823WI		250	±15	±330

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THL 10WI-HS (with heatsink) series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 10-2410WI-HS	nominal: 24 Vdc	400	3,3	2200
THL 10-2411WI-HS		500	5,0	2000
THL 10-2412WI-HS	range: 9 – 36 Vdc	500	5,1	2000
THL 10-2413WI-HS		500	12	830
THL 10-2415WI-HS		500	15	660
THL 10-2421WI-HS		500	24	410
THL 10-2422WI-HS	input fuse: 2000mA	500	±5	±1000
THL 10-2423WI-HS		500	±12	±410
THL 10-2423WI-HS		500	±15	±330
THL 10-4810WI-HS	nominal: 48 Vdc	200	3,3	2200
THL 10-4811WI-HS		250	5,0	2000
THL 10-4812WI-HS	range: 18 – 75 Vdc	250	5,1	2000
THL 10-4813WI-HS		250	12	830
THL 10-4815WI-HS		250	15	660
THL 10-4821WI-HS		250	24	410
THL 10-4822WI-HS	input fuse: 1000mA	250	±5	±1000
THL 10-4823WI-HS		250	±12	±410
THL 10-4823WI-HS		250	±15	±330

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THL 20WI series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 20-2410WI	nominal: 24 Vdc	700	3,3	4500
THL 20-2411WI		940	5,0	4000
THL 20-2412WI		940	12	1670
THL 20-2413WI	range: 9 – 36 Vdc	940	15	1340
THL 20-2415WI		940	24	835
THL 20-2422WI	input fuse: 5000mA	940	±12	±835
THL 20-2423WI		940	±15	±670
THL 20-4810WI	nominal: 48 Vdc	350	3,3	4500
THL 20-4811WI		470	5,0	4000
THL 20-4812WI		470	12	1670
THL 20-4813WI	range: 18 – 75 Vdc	470	15	1340
THL 20-4815WI		470	24	835
THL 20-4822WI	input fuse: 2500mA	470	±12	±835
THL 20-4823WI		470	±15	±670

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THL 20WI-HS (with heatsink) series

Traco Power model name	Input voltage range	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
THL 20-2410WI-HS	nominal:	700	3,3	4500
THL 20-2411WI-HS	24 Vdc	940	5,0	4000
THL 20-2412WI-HS		940	12	1670
THL 20-2413WI-HS	range:	940	15	1340
THL 20-2415WI-HS	9 – 36 Vdc	940	24	835
THL 20-2422WI-HS	input fuse:	940	±12	±835
THL 20-2423WI-HS	5000mA	940	±15	±670
THL 20-4810WI-HS	nominal:	350	3,3	4500
THL 20-4811WI-HS	48 Vdc	470	5,0	4000
THL 20-4812WI-HS		470	12	1670
THL 20-4813WI-HS	range:	470	15	1340
THL 20-4815WI-HS	18 – 75 Vdc	470	24	835
THL 20-4822WI-HS	input fuse:	470	±12	±835
THL 20-4823WI-HS	2500mA	470	±15	±670

Additional information (if necessary)

Information complémentaire (si nécessaire)

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