



Certificate of Compliance

Certificate: 2518505

Master Contract: 226037

Project: 2518505

Date Issued: June 4, 2012

Issued to: TRACO Electronic AG

Jenatschstrasse 1
Zurich, Zurich 8027
Switzerland

Attention: Peder Arpagaus

*The products listed below are eligible to bear the CSA
Mark shown with adjacent indicators 'C', 'US' and*



Patric Charbonneau

Issued by: Patric Charbonneau, T.P.

PRODUCTS

CLASS 5311 91 - POWER SUPPLIES - Component Type(UL 60950-1-2nd Ed)Certified to
U.S.Stds

CLASS 5311 11 - POWER SUPPLIES - Component Type(CSA 60950-1-07-2nd Ed)

Component type DC/DC Converter*, Models and Ratings as follow:

Model	Rated input current [mA]	Output voltage [Vdc]	Output current [mA]
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THL 3WI(1) Series

INPUT: Nominal: 24Vdc - Range: 9-36Vdc - Recommended input fuse: 1500mA

THL 3-2410WI	110	3,3	600
THL 3-2411WI	160	5,0	600
THL 3-2412WI	160	12	250
THL 3-2413WI	160	15	200
THL 3-2415WI	160	24	125



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THL 3-2421WI	160	±5	±300
THL 3-2422WI	160	±12	±125
THL 3-2423WI	160	±15	±100

INPUT: Nominal: 48Vdc - Range: 18-75Vdc - Recommended input fuse: 800mA

THL 3-4810WI	55	3,3	600
THL 3-4811WI	80	5,0	600
THL 3-4812WI	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	80	±15	±100

THL 6WI(1) Series

INPUT: Nominal: 24Vdc - Range: 9-36Vdc - Recommended input fuse: 1500mA

THL 6-2410WI	260	3,3	1450
THL 6-2411WI	300	5,0	1200
THL 6-2412WI	300	12	500
THL 6-2413WI	300	15	400
THL 6-2415WI	300	24	250
THL 6-2421WI	300	±5	±600
THL 6-2422WI	300	±12	±250
THL 6-2423WI	300	±15	±200

INPUT: Nominal: 48Vdc - Range: 18-75Vdc - Recommended input fuse: 750mA

THL 6-4810WI	130	3,3	1450
THL 6-4811WI	150	5,0	1200
THL 6-4812WI	150	12	500
THL 6-4813WI	150	15	400
THL 6-4815WI	150	24	250
THL 6-4821WI	150	±5	±600
THL 6-4822WI	150	±12	±250
THL 6-4823WI	150	±15	±200

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THL 10WI(2) Series

INPUT: Nominal: 24Vdc - Range: 9-36Vdc - Recommended input fuse: 2000mA

THL 10-2410WI	400	3,3	2200
THL 10-24110WI	500	5,0	2000
THL 10-2411WI	500	5,1	2000
THL 10-2412WI	500	12	830
THL 10-2413WI	500	15	660
THL 10-2415WI	500	24	410
THL 10-2421WI	500	±5	±1000
THL 10-2422WI	500	±12	±410
THL 10-2423WI	500	±15	±330

INPUT: Nominal: 48Vdc - Range: 18-75Vdc - Recommended input fuse: 1000mA

THL 10-4810WI	200	3,3	2200
THL 10-48110WI	250	5,0	2000
THL 10-4811WI	250	5,1	2000
THL 10-4812WI	250	12	830
THL 10-4813WI	250	15	660
THL 10-4815WI	250	24	410
THL 10-4821WI	250	±5	±1000
THL 10-4822WI	250	±12	±410
THL 10-4823WI	250	±15	±330

THL 20WI(2) Series

INPUT: Nominal: 24Vdc - Range: 9-36Vdc - Recommended input fuse: 5000mA

THL 20-2410WI	700	3,3	4500
THL 20-2411WI	940	5,0	4000
THL 20-2412WI	940	12	1670
THL 20-2413WI	940	15	1340
THL 20-2415WI	940	24	835
THL 20-2422WI	940	±12	±835
THL 20-2423WI	940	±15	±670

INPUT: Nominal: 48Vdc - Range: 18-75Vdc - Recommended input fuse: 2500mA



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THL 20-4810WI	350	3,3	4500
THL 20-4811WI	470	5,0	4000
THL 20-4812WI	470	12	1670
THL 20-4813WI	470	15	1340
THL 20-4815WI	470	24	835
THL 20-4822WI	470	±12	±835
THL 20-4823WI	470	±15	±670

- (1) Model numbers in this series may be followed by “SM” for surface-mount components.
- (2) Model numbers in this series may be followed by “-HS” for components with a heatsink.

Notes:

- The subject products were evaluated as components where the suitability with the end product shall be re-evaluated.
- The manufacturer recommends the use of an external input fuse (slow-blow type) as listed for each model above.
- The subject products were evaluated to be suitable to have their input connected to SELV or TNV-2 circuits.
- Maximum case temperature of the converter not to exceed 105°C in end product (100°C for THL 10WI Series).

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07 + Am1:2011 - Information Technology Equipment – Safety – Part 1: General requirements

UL 60950-1, Second Edition + Am1:2011 - Information Technology Equipment – Safety – Part 1: General requirements