



Certificate of Compliance

Certificate: 70000993

Master Contract: 219759

Project: 70000993

Date Issued: June 4, 2013

Issued to: **Convertec Limited**

**Whitemill Industrial Estate
Wexford, Wexford
Ireland
Attention: Michael Carey**

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Patric Charbonneau

Issued by: Patric Charbonneau, P.T.

PRODUCTS

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

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

DIN Rail Switch Mode Power Supply for building-in, Trademarks: TRACO POWER or Convertec Power Electronics. Models and ratings as follows:

TRACO POWER model reference	CONVERTEC POWER ELECTRONICS model reference	INPUT Voltage / Current (AC = 50/60Hz)	OUTPUT Voltage / Current / Power
TCL 060-112*	INMI 012.040	100 – 240 Vac OR 85 – 250 Vdc / 1.4 – 0.8 A	12 Vdc / 4.0 A / 60 W
TCL 060-124*	INMI 024.025	100 – 240 Vac	24 Vdc / 2.5 A / 60 W



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		OR 85 – 250 Vdc / 1.4 – 0.8 A	
TCL 060-148*	INMI 048.012	100 – 240 Vac OR 85 – 250 Vdc / 1.4 – 0.8 A	48 Vdc / 1.25 A / 60 W
TCL 120-112*	INMI 012.080	100 – 240 Vac OR 85 – 250 Vdc / 2.2 – 1.0 A	12 Vdc / 8.0 A / 96 W
TCL 120-124*	INMI 024.050	100 – 240 Vac OR 85 – 250 Vdc / 2.4 – 1.2 A	24 Vdc / 5.0 A / 120 W
TCL12-124DC	INMI 024.010.DC012	9.5 – 18 Vdc / 2.5 A @ 12 Vdc	24 Vdc / 1.0 A / 24 W
TCL24-105DC	INMI 005.050DC024	18 – 75 Vdc / 1.3A @ 24 Vdc 0.7 A @ 48 Vdc	5 Vdc / 5.0 A / 25 W
TCL24-112DC	INMI 012.020DC024	18 – 75 Vdc / 1.3A @ 24 Vdc 0.7 A @ 48 Vdc	12 Vdc / 2.0 A / 24 W
TCL24-124DC	INMI 024.010DC024	18 – 75 Vdc / 1.3A @ 24 Vdc 0.7 A @ 48 Vdc	24 Vdc / 1.0 A / 24 W



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TCL 060-112DC	INMI 012.050DC024	18 – 75 Vdc / 4.0 – 1.0 A	12 Vdc / 5.0 A / 60 W
TCL 060-124DC	INMI 024.025DC024	18 – 75 Vdc / 4.0 – 1.0 A	24 Vdc / 2.5 A / 60 W
TCL-REM240	PARA INMI 024	Vin1: 5 - 48 Vdc Vin2: 5 - 48 Vdc / (see Notes)	Vin-0.9 Vdc / 8.0 A / (see Notes)

* The models may be followed by an alphanumeric suffix:

C – Spring clamp connector;

H – Characteristics of the output voltage, achieved by resistor value change;

CH – Spring clamp connector with characteristics of the output voltage, achieved by resistor value change.

Notes:

- The units have been evaluated as components where the suitability of the combination with the end product shall be evaluated.
- The units are provided with terminals for permanent connection to the power source.
- The DC units are not intended and have not been evaluated for direct connection to the DC Mains supply.
- The AC units have been evaluated for direct connection to the AC Mains supply.
- All models were evaluated as Class I (earthed) except model TCL-REM240 / PARA INMI 024 which is Class III.
- Model TCL-REM240 / PARA INMI 024 is a distribution unit intended to be supplied by two (2) TCL24-105, TCL24-112, TCL24-124, TCL 060-112, TCL 060-124, TCL 060-148, TCL 120-112, TCL 120-124 or TCL240-124 CSA-certified power supplies. Therefore, its input current and output power ratings are dependent on the output of the power supplies used at input of the distribution unit.
- The units have been evaluated for use in a Pollution Degree 2, Overvoltage Category II environment and at a maximum altitude of 2000m above sea level (ordinary dry locations).



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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