



# Certificate of Compliance

**Certificate:** 1827562

**Master Contract:** 219759

**Project:** 1895845

**Date Issued:** 2007/05/11

**Issued to:** Convertec Limited  
Whitemill Industrial Estate  
Wexford, Wexford  
Ireland

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



**Issued by:** Isabelle Maurice, Jr. Eng.

**Authorized by:** Helene Vaillancourt,  
Operations Manager

## **PRODUCTS**

- CLASS 3211 87** - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus -  
Certified to US Standards
- CLASS 5311 03** - POWER SUPPLIES - Component Type
- CLASS 5311 07** - POWER SUPPLIES - Component Type - (CSA 60950-1-03)
- CLASS 5311 87** - POWER SUPPLIES - Component Type - Certified to US Stds. - (CSA 60950-1-03/UL 60950-1, First Edition, NRTL Program)

- Component Type\* Built in Switch mode Power Supply, Model as follow;

TSP180-124WR or INBI 024.075xxxx, Rated Input: 115/230/400-500Vac, 4.0/2.0/1.0A, 50/60Hz, Rated Output: 24Vdc, 7.5A.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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TSP360-124WR or INBI 024.150xxxx, Rated Input: 115/230/400-500Vac, 6.0/3.0/1.5A, 50/60Hz, Rated Output: 24Vdc, 15.0A.

TSP600-124WR or INBI 024.250xxxx, Rated Input: 115/230/400-500Vac, 10.0/5.0/3.0A, 50/60Hz, Rated Output: 24Vdc, 25.0A.

**Notes(\*):**

- Unit is considered and as been evaluated as component. Safety evaluation of the combination with the end use product will need to be re-evaluated.
- Output Voltage is adjustable from 24.0Vdc to 28.0Vdc.
- Units TSP180 and TSP360 are certified for 400-500Vac star and Delta connexion. Units TSP600 are certified for 400-500Vac star connection only.

**BI-NAT CSA 60950-1-03/UL 60950-1, 1st Edition DESIGN MANUAL, Version 1.0**

**IS AN INTEGRAL PART OF THIS REPORT**

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 60950-1-03 - Information Technology Equipment – Safety – Part 1: General requirements.

UL 60950-1 (1st Edition) - Information Technology Equipment – Safety – Part 1: General requirements.

CAN/CSA-C22.2 No. 107.1-01 - General Use Power Supply

UL 508 (17th Edition) last revision July 11, 2005 - Industrial Control Equipment