



CSA INTERNATIONAL

# Certificate of Compliance

Certificate Number: LR 41062-140

Revision:

Date Issued: July 8, 1999

Issued to: **ARTESYN TECHNOLOGIES**  
National Accounts Division  
47173 Benicia Street.  
Fremont, CA 94538-7331  
USA  
Attention: Mr. Fernando Sandoval

*The products listed below are eligible to bear the CSA Mark shown*



Issued by: J. Saunders, P. Eng.

Signature: 

## PRODUCTS

Component dc-dc convertors for use with Information Technology and Electrical Business Equipment where the suitability of the combination is to be determined.

**BXB-Series** Input: 18-36V dc (24V nominal)

<u>MODEL</u>	<u>Input I</u>	<u>OUTPUT</u>	<u>(I) MIN</u>	<u>(I)MAX.</u>
BXB150-24S3V3	8.2A	+3.3V dc	0.0A	30.0A
BXB100-24S3V3	5.4A	+3.3V dc	0.0A	20.0A
BXB100-24S05	7.6A	+5.0V dc	0.0A	20.0A
BXB100-24S12	7.6A	+12.0V dc	0.0A	8.3A
BXB100-24S15	7.6A	+15.0V dc	0.0A	6.7A
BXB75-24S3V3	4.0A	+3.3V dc	0.0A	15.0A
BXB75-24S05	5.8A	+5.0V dc	0.0A	15.0A
BXB75-24S12	5.8A	+12.0V dc	0.0A	6.3A
BXB75-24S15	5.8A	+15.0V dc	0.0A	5.0A

**Revision:**

BXB50-24S3V3	2.7A	+3.3V dc	0.0A	10.0A
BXB50-24S05	3.9A	+5.0V dc	0.0A	10.0A
BXB50-24S12	3.9A	+12.0V dc	0.0A	4.2A
BXB50-24S15	3.9A	+15.0V dc	0.0A	3.3A

**Notes:**

1. Model designations may be followed by suffixes FLT or FHT.
2. Model designations may be followed by up to two additional suffix characters. These suffixes denote minor changes that do not effect safety.

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 950-95 - Safety of Information Technology Equipment, Including Electrical Business Equipment

**Conditions of Acceptability**

1. Maximum continuous output power not to exceed 50 watts for BXB50 models, 75 watts for BXB75 models, 100 watts for BXB100 models and 150 watts for BXB150 models.
2. Maximum baseplate operating temperature 100C.
3. A Certified 20.0A fuse is to be provided in the ungrounded side of the input in the end use.
4. The output may be considered ELV if the inputs are ELV
5. The outputs may be considered SELV if the inputs are SELV and
  - one pole of both the input and output are grounded, or
  - both the input and output are floating with respect to earth.
6. The output may be considered SELV if the input voltage exceeds SELV limits provided that
  - reinforced insulation is provided between the source and ac mains taking into account the working voltage of both the mains and secondary, and
  - single fault testing performed on the source supply circuit in combination with the converter demonstrates that the output of the converter meets SELV requirements, and
  - one pole of both the input and output are kept grounded or both poles are left floating.