



# *AT-BRPS8000*

*Redundant Power Supply For the  
AT-8324SX Fast Ethernet Switch*

## *Installation Guide*

Copyright © 2000 Allied Telesyn International, Corp.  
960 Stewart Drive Suite B, Sunnyvale CA 94086 USA

All rights reserved. No part of this publication may be reproduced without prior written permission from Allied Telesyn International, Corp.

Ethernet is a registered trademark of Xerox Corporation. All other product names, company names, logos or other designations mentioned herein are trademarks or registered trademarks of their respective owners.

Allied Telesyn International, Corp. reserves the right to make changes in specifications and other information contained in this document without prior written notice. The information provided herein is subject to change without notice. In no event shall Allied Telesyn International, Corp. be liable for any incidental, special, indirect, or consequential damages whatsoever, including but not limited to lost profits, arising out of or related to this manual or the information contained herein, even if Allied Telesyn International, Corp. has been advised of, known, or should have known, the possibility of such damages.

# Electrical Safety and Emission Statement

**Standards:** This product meets the following standards.

## U.S. Federal Communications Commission

### RADIATED ENERGY

Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.


Note: Modifications or changes not expressly approved of by the manufacturer or the FCC, can void your right to operate this equipment.

## Industry Canada


This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.


RFI Emission

EN55022 (1998)/CISPR-22 (1995) Class A  1



**Warning:** In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.  2

Immunity


IEC 1000-4-2 (1995) (4 kV CD, 8 kV AD)  3


IEC 1000-4-3 (1995) (3 V/m)


IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))


IEC 1000-4-6 (1995) (3 Vrms)


Electrical Safety


UL 1950, CSA 22.2 No. 950,230, EN60950,  
IEC 60950  4


**Important:** Appendix A contains translated safety statements for installing this equipment. When you see the , go to Appendix A for the translated safety statement in your language.


**Wichtig:** Anhang A enthält übersetzte Sicherheitshinweise für die Installation dieses Geräts. Wenn Sie  sehen, schlagen Sie in Anhang A den übersetzten Sicherheitshinweis in Ihrer Sprache nach.


**Vigtigt:** Tillæg A indeholder oversatte sikkerhedsadvarsler, der vedrører installation af dette udstyr. Når De ser symbolet , skal De slå op i tillæg A og finde de oversatte sikkerhedsadvarsler i Deres eget sprog.


**Belangrijk:** Appendix A bevat vertaalde veiligheidsopmerkingen voor het installeren van deze apparatuur. Wanneer u de  ziet, raadpleeg Appendix A voor vertaalde veiligheidsinstructies in uw taal.


**Important:** L'annexe A contient les instructions de sécurité relatives à l'installation de cet équipement. Lorsque vous voyez le symbole , reportez-vous à l'annexe A pour consulter la traduction de ces instructions dans votre langue.


**Tärkeää:** Liite A sisältää tämän laitteen asentamiseen liittyvät käännettyä turvaohjeet. Kun näet  -symbolin, katso käännettyä turvaohjetta liitteestä A.

**Importante:** l'Appendice A contiene avvisi di sicurezza tradotti per l'installazione di questa apparecchiatura. Il simbolo , indica di consultare l'Appendice A per l'avviso di sicurezza nella propria lingua.

**Viktig:** Tillegg A inneholder oversatt sikkerhetsinformasjon for installering av dette utstyret. Når du ser , åpner du til Tillegg A for å finne den oversatte sikkerhetsinformasjonen på ønsket språk.

**Importante:** O Anexo A contém advertências de segurança traduzidas para instalar este equipamento. Quando vir o símbolo , leia a advertência de segurança traduzida no seu idioma no Anexo A.

**Importante:** El Apéndice A contiene mensajes de seguridad traducidos para la instalación de este equipo. Cuando vea el símbolo , vaya al Apéndice A para ver el mensaje de seguridad traducido a su idioma.

**Obs!** Bilaga A innehåller översatta säkerhetsmeddelanden avseende installationen av denna utrustning. När du ser , skall du gå till Bilaga A för att läsa det översatta säkerhetsmeddelandet på ditt språk.



# ***Table of Contents***

---

<b>Electrical Safety and Emission Statement</b> .....	iii
<b>Welcome to Allied Telesyn</b> .....	vii
Where to Find Web-based Guides .....	vii
Document Conventions.....	vii
Contacting Allied Telesyn .....	viii
Online Support .....	viii
For Technical Support and Services.....	viii
Technical Support E-mail Addresses .....	viii
Returning Products.....	ix
FTP Server .....	ix
For Sales or Corporate Information.....	x
Tell Us What You Think.....	x
<b>Overview</b> .....	1
Installing the AT-BRPS8000 Unit.....	1
Verifying the Package Contents .....	1
Reviewing Safety Guidelines .....	2
Installing the Unit.....	3
Warranty Registration .....	4
Technical Specifications .....	5
<b>Appendix A</b>	
<b>Translated Electrical Safety and Emission Information</b> .....	7
<b>Appendix B</b>	
<b>Technical Support Fax Order</b> .....	19
Incident Summary .....	19
<b>Appendix C</b>	
<b>AT-BRPS8000 Installation Guide Feedback</b> .....	21



# ***Welcome to Allied Telesyn***

---

This guide contains instructions on how to install the AT-BRPS8000 Redundant Power Supply Unit. The unit is designed for the AT-8324SX Fast Ethernet Switch.

## **Where to Find Web-based Guides**

The Allied Telesyn web site at **[www.alliedtelesyn.com](http://www.alliedtelesyn.com)** provides you with an easy way to access the most recent documentation and technical information for all of our products. All web-based documents relating to this product and other Allied Telesyn products can be downloaded from the web site in pdf format.

## **Document Conventions**

This guide uses several conventions that you should become familiar with first before you begin to install the product.

---

### **Note**

A note provides additional information.

---



---

### **Caution**

A caution indicates that performing or omitting a specific action may result in equipment damage or loss of data.

---



---

### **Warning**

A warning indicates that performing or omitting a specific action may result in bodily injury.

---

## Contacting Allied Telesyn

There are several ways to contact Allied Telesyn technical support: online, telephone, fax, and e-mail.

### Online Support

You can request technical support online by filling out the Tech-Assistant Form at [www.alliedtelesyn.com/support.htm](http://www.alliedtelesyn.com/support.htm).

### For Technical Support and Services

#### Americas

United States, Canada, Mexico,  
Central America, South America  
Tel: 1 (800) 428-4835, option 4  
Fax: 1 (503) 639-3176

#### Asia

Singapore, Taiwan, Thailand, Malaysia,  
Indonesia, Korea, Philippines, China,  
India, Hong Kong  
Tel: (+65) 381-5612  
Fax: (+65) 383-3830

#### Australia

Tel: 1 (800) 000-880  
Fax: (+61) 2-9438-4966

#### France

France, Belgium, Luxembourg,  
The Netherlands, Middle East, Africa  
Tel: (+33) 0-1-60-92-15-25  
Fax: (+33) 0-1-69-28-37-49

#### Germany

Germany, Switzerland, Austria, Eastern  
Europe  
Tel: (+49) 0130/83-56-66  
Fax: (+49) 30-435-900-115

#### Italy

Italy, Spain, Portugal, Greece, Turkey,  
Israel  
Tel: (+39) 02-416047  
Fax: (+39) 02-419282

#### Japan

Tel: (+81) 3-3443-5640  
Fax: (+81) 3-3443-2443

#### United Kingdom

United Kingdom, Denmark, Norway,  
Sweden, Finland  
Tel: (+0044) 1235-442500  
Fax: (+44) 1-235-442680

### Technical Support E-mail Addresses

#### United States and Canada

TS1@alliedtelesyn.com

#### Latin America, Mexico, Puerto Rico, Caribbean, and Virgin Islands

latin\_america@alliedtelesyn.com

#### United Kingdom, Sweden, Norway, Denmark, and Finland

support\_europe@alliedtelesyn.com



## Returning Products

Products for return or repair must first be assigned a Return Materials Authorization (RMA) number. A product sent to Allied Telesyn without a RMA number will be returned to the sender at the sender's expense.

To obtain an RMA number, contact Allied Telesyn's Technical Support at one of the following locations:

### North America

2205 Ringwood Ave  
San Jose, CA 95131  
Tel: 1-800-428-4835, option 4  
Fax: 1-503-639-3716

### European Customer Support Centre

10/11 Bridgemoor Close  
Westmead Industrial Estate  
Swindon, Wiltshire SN5 7YT  
England  
Tel: +44-1793-501401  
Fax: +44-1793-431099

### Latin America, the Caribbean, Virgin Islands

Tel: international code + 425-481-3852  
Fax: international code + 425-483-9458

### Mexico and Puerto Rico

Tel: 1-800-424-5012, ext 3852 or  
1-800-424-4284, ext 3852  
Mexico only: 95-800-424-5012, ext 3852  
Fax: international code + 425-489-9191

## FTP Server

If you know the name of a specific driver that you need for an Allied Telesyn device, you can download the software by connecting directly to our FTP server at **<ftp://gateway.centre.com>**.

At login, enter 'anonymous'. Enter your e-mail address for the password as requested by the server at login.

## For Sales or Corporate Information

**Allied Telesyn International, Corp.**  
19800 North Creek Parkway, Suite 200  
Bothell, WA 98011  
Tel: 1 (425) 487-8880  
Fax: 1 (425) 489-9191

**Allied Telesyn International, Corp.**  
960 Stewart Drive, Suite B  
Sunnyvale, CA 94086  
Tel: 1 (800) 424-4284 (USA and Canada)  
Fax: 1 (408) 736-0100

## Tell Us What You Think

If you have comments or suggestions on how we might improve this or other Allied Telesyn documents, please fill out the “AT-BRPS8000 Installation Guide Feedback” on page 21 and return the form to us at the address or fax number provided. You can also provide feedback online by filling out the Feedback on Documentation form at [www.alliedtelesyn.com/forms/feedbackman.htm](http://www.alliedtelesyn.com/forms/feedbackman.htm).

# Overview

---

The AT-BRPS8000 Redundant Power Supply can supply 150 watts of backup power to an AT-8324SX Fast Ethernet Switch in the event of an AC power loss or the failure of the switch's internal power supply.



## Caution

The AT-BRPS8000 unit is designed for the AT-8324SX Fast Ethernet Switch only. Do not attempt to use this product with any other Allied Telesyn device.

---

## Installing the AT-BRPS8000 Unit

The following sections contain instructions on how to install the unit.

### Verifying the Package Contents

Check to be sure that your package contains the following items. If any of the items are missing or damaged, contact your Allied Telesyn representative.

- One AT-BRPS8000 unit
- One AC power supply cord (United States, Continental Europe, or United Kingdom)
- One DC backup power supply cord
- Rack mounting kit
- Star-head screwdriver
- This Installation Guide
- Warranty Card

## Reviewing Safety Guidelines

Please review the following safety guidelines before you begin to install the stacking module.



### Warning

**Electric Shock Hazard:** To prevent electric shock, do not remove the cover. There are no user-serviceable parts inside. The unit contains hazardous voltages and should only be opened by a trained and qualified technician. ⚡ 5

---



### Warning

**Lightning Danger:** Do not work on this equipment or cables during periods of lightning activity. ⚡ 6

---



### Warning

**Power cord is used as a disconnection device:** To de-energize equipment, disconnect the power cord. ⚡ 7

---



### Warning

**Electrical-Type Class 1 Equipment:** This equipment must be earthed. The power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts. ⚡ 8

---



### Caution

**Pluggable Equipment:** The socket outlet should be installed near the equipment and should be easily accessible. ⚡ 9

---



### Caution

**Air vents:** The air vents must not be blocked on the unit and must have free access to the room ambient air for cooling. ⚡ 10

---



### Caution

**Operating Temperature:** This product is designed for a maximum ambient temperature of 40°C. ⚡ 11

---



### Caution

**All Countries:** Install this product in accordance with local and National Electric Codes. ⚡ 12

---

## Installing the Unit

The AT-BRPS8000 unit can be installed on desktop or in a rack.

**Caution**

Do not install the unit on the floor. The case is not waterproof.

---

**Caution**

Do not connect the AT-BRPS8000 unit to an AC power source until the DC backup power cord has been connected to the AT-8324SX switch.

---

To install the unit, perform the following procedure:

1. Remove the AT-BRPS8000 unit from the shipping container and store the shipping material in a safe location.
2. Place the unit on a level surface.
3. If you are installing the unit in a standard EIA 19-inch rack, do the following:
  - a. Using a Phillips-head screwdriver, attach the brackets to the sides of the AT-BRPS8000 unit using the supplied screws.
  - b. Position the AT-BRPS8000 unit in the rack by lining up the holes in the brackets with the appropriate holes in the rack.
  - c. Mount the unit in the rack using the supplied screws.

---

**Note**

You should leave about two inches of space on the sides of the unit to allow for adequate ventilation.

---

4. If the AT-8324SX switch is not already powered ON, connect one end of the AC power cord supplied with the switch to the AC connector on the switch and the other end to a grounded AC power outlet (Figure 1).
5. Use the supplied star-head screwdriver to loosen the screws on the D-sub connector faceplate and remove the faceplate from both the AT-8324SX switch and the AT-BRPS8000 unit.
6. Connect one end of the DC cord to the redundant power connector on the rear panel of the AT-8324SX switch, and the other end to the IEC connector on the AT-BRPS8000 unit.
7. Connect one end of the AC power cord to the AC connector on the AT-BRPS8000 unit, and the other end to a grounded power outlet. The Power LED on the AT-BRPS8000 unit should light up.

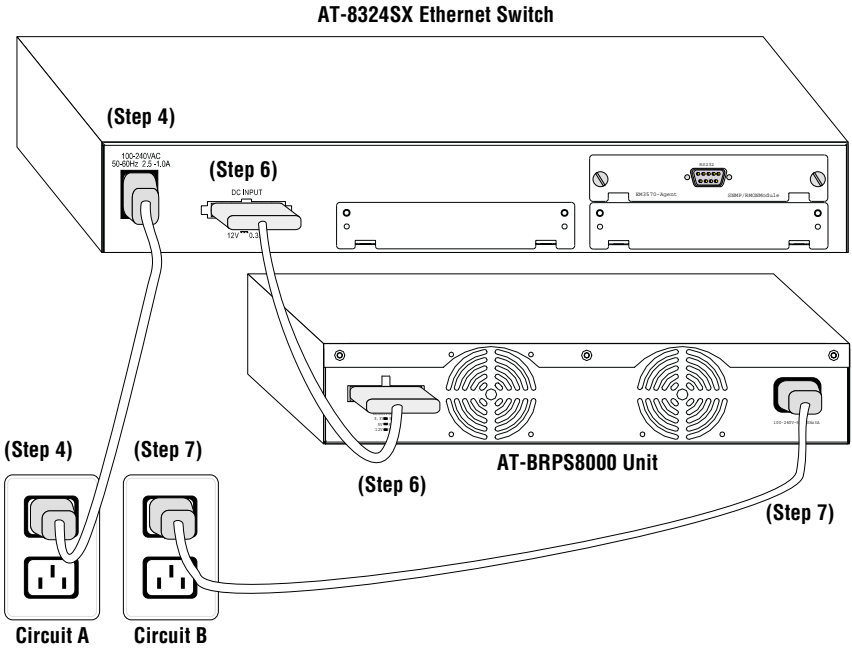


Figure 1 AC and DC Power Cord Connections

## Warranty Registration

When you have finished installing the AT-BRPS8000 unit, register your product by completing the enclosed warranty card and sending it in, or by visiting our web site at [www.alliedtelesyn.com/forms/warranty.htm](http://www.alliedtelesyn.com/forms/warranty.htm) and completing the on-line registration form.

## Technical Specifications

Lists the technical specifications of the unit.

**Table 1** Technical Specifications

<b>Physical Specifications</b>	
Dimensions (W x D x H):	22.28 x 9.1 x 4.5 cm (8.77 x 3.58 x 1.77 in)
Weight	1.75 kg (3.86 lb)
<b>Environmental Specifications</b>	
Operating Temperature	0° C to 40° C (32° to 104° F)
Storage Temperature	-20° C to 85° C (-4° to 185° F)
Relative Humidity	20% to 90% non-condensing
Cooling	Two fans
<b>Power Specifications</b>	
AC Input Power	100-120/200-240VAC, 50/60Hz, 3.0A
DC Output Power	+3.3 VDC@30A Maximum +5 VDC@9A maximum +12 VDC@0.7A maximum
<b>Agency Compliance</b>	
EMI/EMC	FCC Class A, EN55022 (1998)/CISPR-22 (1995) Class A, VCCI Class A, AS/NZ 3548:1995 Class A
Safety	UL 1950, CSA C22.2 No. 950,234, EN60950, IEC 60950
CE Mark	





## **Appendix A**

# **Translated Electrical Safety and Emission Information**

---

**Important:** This appendix contains multiple-language translations for the safety statements in this guide.

**Wichtig:** Dieser Anhang enthält Übersetzungen der in diesem Handbuch enthaltenen Sicherheitshinweise in mehreren Sprachen.

**Vigtigt:** Dette tillæg indeholder oversættelser i flere sprog af sikkerhedsadvarslerne i denne håndbog.

**Belangrijk:** Deze appendix bevat vertalingen in meerdere talen van de veiligheidsopmerkingen in deze gids.

**Important:** Cette annexe contient la traduction en plusieurs langues des instructions de sécurité figurant dans ce guide.

**Tärkeää:** Tämä liite sisältää tässä oppaassa esiintyvät turvaohjeet usealla kielellä.

**Importante:** questa appendice contiene traduzioni in più lingue degli avvisi di sicurezza di questa guida.

**Viktig:** Dette tillegget inneholder oversettelser til flere språk av sikkerhetsinformasjonen i denne veiledningen.

**Importante:** Este anexo contém traduções em vários idiomas das advertências de segurança neste guia.

**Importante:** Este apéndice contiene traducciones en múltiples idiomas de los mensajes de seguridad incluidos en esta guía.

**Obs!** Denna bilaga innehåller flerspråkiga översättningar av säkerhetsmeddelandena i denna handledning.

**Standards:** This product meets the following standards:

### U.S. Federal Communications Commission

#### RADIATED ENERGY


Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Note: Modifications or changes not expressly approved of by the manufacturer or the FCC, can void your right to operate this equipment.






### Industry Canada




This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.


- |   |   |  |
|---|---|--|
| 1 | RFI Emission  | EN55022 (1998)/CISPR-22 (1995) Class A   |
| 2 |  <b>WARNING:</b> In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures. |  |
| 3 | Immunity  | IEC 1000-4-2 (4 kV CD, 8 kV AD)<br>IEC 1000-4-3 (1995) (3 V/m)<br>IEC 1000-4-4 (1995) (1.0 kV - (power line);<br>0.5 kV - (signal line))<br>IEC 1000-4-6 (1995) (3 Vrms) |
| 4 | Electrical Safety   | UL 1950, CSA 22.2 No. 950,234, EN60950,<br>IEC 60950   |

#### SAFETY









- |   |   |  |
|---|---|--|
| 5 |  <b>ELECTRICAL NOTICES</b><br><b>WARNING: ELECTRIC SHOCK HAZARD</b><br>To prevent ELECTRIC shock, do not remove the cover. No user-serviceable parts inside. This unit contains HAZARDOUS VOLTAGES and should only be opened by a trained and qualified technician. To avoid the possibility of ELECTRIC SHOCK, disconnect electric power to the product before connecting or disconnecting the LAN cables. |  |
| 6 |  <b>LIGHTNING DANGER</b><br><b>DANGER: DO NOT WORK</b> on equipment or CABLES during periods of LIGHTNING ACTIVITY.  |  |
| 7 |  <b>CAUTION: POWER CORD IS USED AS A DISCONNECTION DEVICE. TO DE-ENERGIZE EQUIPMENT,</b> disconnect the power cord.  |  |
| 8 |  <b>ELECTRICAL - TYPE CLASS 1 EQUIPMENT</b><br>THIS EQUIPMENT MUST BE EARTHED. Power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts.  |  |
| 9 |  <b>PLUGGABLE EQUIPMENT,</b> the socket outlet shall be installed near the equipment and shall be easily accessible.   |  |

- 10  **CAUTION:** Air vents must not be blocked and must have free access to the room ambient air for cooling.
- 11  **OPERATING TEMPERATURE:** This product is designed for a maximum ambient temperature of 40° degrees C.
- 12  **ALL COUNTRIES:** Install product in accordance with local and National Electrical Codes.

**Normen:** Dieses Produkt erfüllt die Anforderungen der nachfolgenden Normen.


- 1 Hochfrequenzstörung EN55022 (1998)/CISPR-22 (1995) Klasse A
- 2  **WARNUNG:** Bei Verwendung zu Hause kann dieses Produkt Funkstörungen hervorrufen. In diesem Fall müßte der Anwender angemessene Gegenmaßnahmen ergreifen.
- 3 Störsicherheit IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Elektrische Sicherheit UL 1950, CSA 22.2 No. 950,234, EN60950,  
IEC 60950

**SICHERHEIT**









- 5  **ACHTUNG: GEFÄHRLICHE SPANNUNG**  
Das Gehäuse nicht öffnen. Das Gerät enthält keine vom Benutzer wartbaren Teile. Das Gerät steht unter Hochspannung und darf nur von qualifiziertem technischem Personal geöffnet werden. Vor Anschluß der LAN-Kabel, Gerät vom Netz trennen.
- 6  **GEFAHR DURCH BLITZSCHLAG**  
**GEFAHR:** Keine Arbeiten am Gerät oder an den Kabeln während eines Gewitters ausführen.
- 7  **VORSICHT: DAS NETZKABEL DIENST ZUM TRENNEN DER STROMVERSORGUNG. ZUR TRENNUNG VOM NETZ, KABEL AUS DER STECKDOSE ZIEHEN.**
- 8  **GERÄTE DER KLASSE 1**  
**DIESE GERÄTE MÜSSEN GEERDET SEIN.** Der Netzstecker darf nur mit einer vorschriftsmäßig geerdeten Steckdose verbunden werden. Ein unvorschriftsmäßiger Anschluß kann die Metallteile des Gehäuses unter gefährliche elektrische Spannungen setzen.
- 9  **STECKBARES GERÄT:** Die Anschlußbuchse sollte in der Nähe der Einrichtung angebracht werden und leicht zugänglich sein."
- 10  **VORSICHT**  
Die Entlüftungsöffnungen dürfen nicht versperrt sein und müssen zum Kühlen freien Zugang zur Raumluft haben.
- 11  **BETRIEBSTEMPERATUR:** Dieses Produkt wurde für den Betrieb in einer Umgebungstemperatur von nicht mehr als 40° C entworfen.
- 12  **ALLE LÄNDER:** Installation muß örtlichen und nationalen elektrischen Vorschriften entsprechen.

---


**Standarder:** Dette produkt tilfredsstiller de følgende standarder.

- 1 Radiofrekvens forstyrrelsesemission EN55022 (1998)/CISPR-22 (1995) Klasse A
- 2  **ADVARSEL:** I et hjemligt miljø kunne dette produkt forårsage radio forstyrrelse. Bliver det tilfældet, påkræves brugeren muligvis at tage tilstrækkelige foranstaltninger.
- 3 Immunitet IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Elektrisk sikkerhed UL 1950, CSA 22.2 No. 950,234, EN60950,  
IEC 60950







### SIKKERHED

- 5  **ELEKTRISKE FORHOLDSREGLER**  
**ADVARSEL: RISIKO FOR ELEKTRISK STØD**  
For at forebygge ELEKTRISK stød, undlad at åbne apparatet. Der er ingen indre dele, der kan repareres af brugeren. Denne enhed indeholder LIVSFARLIG STRØMSPÆNDINGER og bør kun åbnes af en uddannet og kvalificeret tekniker. For at undgå risiko for ELEKTRISK STØD, afbrydes den elektriske strøm til produktet, før LAN-kablerne monteres eller afmonteres.
- 6  **FARE UNDER UVEJR**  
**FARE: UNDLAD** at arbejde på udstyr eller KABLER i perioder med LYNAKTIVITET.
- 7  **ADVARSEL: DEN STRØMFØRENDE LEDNING BRUGES TIL AT AFBRYDE STRØMMEN. SKAL STRØMMEN TIL APPARATET AFBRYDES,** tages ledningen ud af stikket.
- 8  **ELEKTRISK - KLASSE 1-UDSTYR**  
**DETTE UDSKYR KRÆVER JORDFORBINDELSE.** Stikket skal være forbundet med en korrekt installeret jordforbunden stikkontakt. En ukorrekt installeret stikkontakt kan sætte livsfarlig spænding til tilgængelige metaldele.
- 9  **UDSTYR TIL STIKKONTAKT,** stikkontakten bør installeres nær ved udstyret og skal være lettilgængelig.
- 10  **ADVARSEL: Ventilationsåbninger** må ikke blokeres og skal have fri adgang til den omgivende luft i rummet for afkøling.
- 11  **BETJENINGSTEMPERATUR:** Dette apparat er konstrueret til en omgivende temperatur på maksimum 40 grader C.
- 12  **ALLE LANDE:** Installation af produktet skal ske i overensstemmelse med lokal og national lovgivning for elektriske installationer.

**Eisen:** Dit product voldoet aan de volgende eisen.


- |   |   |  |
|---|---|--|
| 1 | RFI Emissie   | EN55022 (1998)/CISPR-22 (1995) Klasse A  |
| 2 |  <b>WAARSCHUWING:</b> Binnenshuis kan dit product radiostoring veroorzaken, in welk geval de gebruiker verplicht kan worden om gepaste maatregelen te nemen. |  |
| 3 | Immunititeit  | IEC 1000-4-2 (4 kV CD, 8 kV AD)<br>IEC 1000-4-3 (1995) (3 V/m)<br>IEC 1000-4-4 (1995) (1.0 kV - (power line);<br>0.5 kV - (signal line))<br>IEC 1000-4-6 (1995) (3 Vrms) |
| 4 | Electrische Veiligheid  | UL 1950, CSA 22.2 No. 950,234, EN60950,<br>IEC 60950   |

## VEILIGHEID









- |    |   |  |
|----|---|--|
| 5  |  <b>WAARSCHUWINGEN MET BETREKKING TOT ELEKTRICITEIT</b><br><b>WAARSCHUWING: GEVAAR VOOR ELEKTRISCHE SCHOKKEN</b><br>Verwijder het deksel niet, teneinde ELEKTRISCHE schokken te voorkomen. Binnenin bevinden zich geen onderdelen die door de gebruiker onderhouden kunnen worden. Dit toestel staat onder GEVAARLIJKE SPANNING en mag alleen worden geopend door een daartoe opgeleide en bevoegde technicus. Om het gevaar op ELEKTRISCHE SCHOKKEN te vermijden, moet u het toestel van de stroombron ontkoppelen alvorens de LAN-kabels te koppelen of ontkoppelen. |  |
| 6  |  <b>GEVAAR VOOR BLIKSEMINSLAG</b><br><b>GEVAAR: NIET</b> aan toestellen of KABELS WERKEN bij BLIKSEM.  |  |
| 7  |  <b>WAARSCHUWING: HET TOESTEL WORDT UITGESCHAKELD DOOR DE STROOMKABEL TE ONTKOPPELEN. OM HET TOESTEL STROOMLOOS TE MAKEN:</b> de stroomkabel ontkoppelen.  |  |
| 8  |  <b>ELEKTRISCHE TOESTELLEN VAN KLASSE 1</b><br><b>DIT TOESTEL MOET GEAARD WORDEN.</b> De stekker moet aangesloten zijn op een juist geaarde contactdoos. Een onjuist geaarde contactdoos kan de metalen onderdelen waarmee de gebruiker eventueel in aanraking komt onder gevaarlijke spanning stellen.  |  |
| 9  |  <b>AAN TE SLUITEN APPARATUUR,</b> de contactdoos wordt in de nabijheid van de apparatuur geïnstalleerd en is gemakkelijk te bereiken."  |  |
| 10 |  <b>OPGELET:</b> De ventilatiegaten mogen niet worden gesperd en moeten de omgevingslucht ongehinderd toelaten voor afkoeling.  |  |
| 11 |  <b>BEDRIJFSTEMPERATUUR:</b> De omgevingstemperatuur voor dit produkt mag niet meer bedragen dan 40 graden Celsius.  |  |
| 12 |  <b>ALLE LANDEN:</b> het toestel installeren overeenkomstig de lokale en nationale elektrische voorschriften.  |  |

---


**Normes:** ce produit est conforme aux normes de suivantes:

- 1 Emission d'interférences radioélectriques EN55022 (1998)/CISPR-22 (1995) Classe A
- 2  **MISE EN GARDE** : dans un environnement domestique, ce produit peut provoquer des interférences radioélectriques. Auquel cas, l'utilisateur devra prendre les mesures adéquates.
- 3 Immunité IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Sécurité électrique UL 1950, CSA 22.2 No. 950,234, EN60950, IEC 60950









### SÉCURITÉ

- 5  **INFORMATION SUR LES RISQUES ÉLECTRIQUES**  
**AVERTISSEMENT: DANGER D'ÉLECTROCUTION**  
Pour éviter toute ÉLECTROCUTION, ne pas ôter le revêtement protecteur du matériel. Ce matériel ne contient aucun élément réparable par l'utilisateur. Il comprend des TENSIONS DANGEREUSES et ne doit être ouvert que par un technicien dûment qualifié. Pour éviter tout risque d'ÉLECTROCUTION, débrancher le matériel avant de connecter ou de déconnecter les câbles LAN.
- 6  **DANGER DE Foudre**  
**DANGER: NE PAS MANIER** le matériel ou les CÂBLES lors d'activité orageuse.
- 7  **ATTENTION: LE CORDON D'ALIMENTATION SERT DE MISE HORS CIRCUIT.**  
POUR COUPER L'ALIMENTATION DU MATÉRIEL, débrancher le cordon.
- 8  **ÉQUIPEMENT DE CLASSE 1 ÉLECTRIQUE**  
CE MATÉRIEL DOIT ÊTRE MIS A LA TERRE. La prise de courant doit être branchée dans une prise femelle correctement mise à la terre car des tensions dangereuses risqueraient d'atteindre les pièces métalliques accessibles à l'utilisateur.
- 9  **EQUIPEMENT POUR BRANCHEMENT ELECTRIQUE**, la prise de sortie doit être placée près de l'équipement et facilement accessible".
- 10  **ATTENTION:** Ne pas bloquer les fentes d'aération, ceci empêcherait l'air ambiant de circuler librement pour le refroidissement.
- 11  **TEMPÉRATURE DE FONCTIONNEMENT:** Ce matériel est capable de tolérer une température ambiante maximum de ou 40 degrés Celsius.
- 12  **POUR TOUS PAYS:** Installer le matériel conformément aux normes électriques nationales et locales.

**Standardit:** Tämä tuote on seuraavien standardien mukainen.


- |   |   |  |
|---|---|--|
| 1 | Radioaaltojen häirintä  | EN55022 (1998)/CISPR-22 (1995) Luokka A  |
| 2 |  VAROITUS: Kotiolosuhteissa tämä laite voi aiheuttaa radioaaltojen häiröitä, missä tapauksessa laitteen käyttäjän on mahdollisesti ryhdyttävä tarpeellisiin toimenpiteisiin. |  |
| 3 | Kestävyyys  | IEC 1000-4-2 (4 kV CD, 8 kV AD)<br>IEC 1000-4-3 (1995) (3 V/m)<br>IEC 1000-4-4 (1995) (1.0 kV - (power line);<br>0.5 kV - (signal line))<br>IEC 1000-4-6 (1995) (3 Vrms) |
| 4 | Sähköturvallisuus   | UL 1950, CSA 22.2 No. 950,234, EN60950,<br>IEC 60950   |

### TURVALLISUUS









- |    |   |  |
|----|---|--|
| 5  |  <b>SÄHKÖÖN LIITTYVIÄ HUOMAUTUKSIA</b><br><b>VAROITUS: SÄHKÖISKUVAARA</b><br>Estääksesi SÄHKÖISKUN älä poista kantta. Sisällä ei ole käyttäjän huollettavissa olevia osia. Tämä laite sisältää VAARALLISIA JÄNNITTEITÄ ja sen voi avata vain koulutettu ja pätevä teknikko. Välttääksesi SÄHKÖISKUN mahdollisuuden katkaise sähkövirta tuotteeseen ennen kuin liität tai irrotat paikallisverkon (LAN) kaapelit. |  |
| 6  |  <b>SALAMANISKUVAARA</b><br><b>HENGENVAARA: ÄLÄ TYÖSKENTELE</b> laitteiden tai KAAPELEIDEN KANSSA SALAMOINNIN AIKANA.  |  |
| 7  |  <b>HUOMAUTUS: VIRTAJOHTOA KÄYTETÄÄN VIRRANKATKAISULAITTEENA.</b><br>VIRTA KATKAISTAAN irrottamalla virtajohto.  |  |
| 8  |  <b>SÄHKÖ - TYYPPILUOKAN 1 LAITTEET</b><br><b>TÄMÄ LAITE TÄYTYY MAADOITTA.</b> Pistoke täytyy liittää kunnollisesti maadoitettuun pistorasiaan. Virheellisesti johdotettu pistorasia voi altistaa metalliosat vaarallisille jännitteille.  |  |
| 9  |  <b>PISTORASIAAN KYTKETTÄVÄ LAITE;</b> pistorasia on asennettava laitteen lähelle ja siihen on oltava esteetön pääsy."   |  |
| 10 |  <b>HUOMAUTUS:</b> Ilmavaihtoreikiä ei pidä tukkia ja niillä täytyy olla vapaa yhteys ympäröivään huoneilmaan, jotta ilmanvaihto tapahtuisi.   |  |
| 11 |  <b>KÄYTTÖLÄMPÖTILA:</b> Tämä tuote on suunniteltu ympäröivän ilman maksimilämpötilalle 40°C.  |  |
| 12 |  <b>KAIKKI MAAT:</b> Asenna tuote paikallisten ja kansallisten sähköturvallisuusmääräysten mukaisesti.   |  |

---

**Standard:** Questo prodotto è conforme ai seguenti standard.


- 1 Emissione RFI (interferenza di radiofrequenza) EN55022 (1998)/CISPR-22 (1995) Classe A
- 2  **AVVERTENZA:** in ambiente domestico questo prodotto potrebbe causare radio interferenza. In questo caso potrebbe richiedersi all'utente di prendere gli adeguati provvedimenti.
- 3 Immunità IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Sicurezza elettrica UL 1950, CSA 22.2 No. 950,234, EN60950, IEC 60950

### NORME DI SICUREZZA









- 5  **AVVERTENZE ELETTRICHE**  
**ATTENZIONE: PERICOLO DI SCOSSE ELETTRICHE**  
Per evitare SCOSSE ELETTRICHE non asportare il coperchio. Le componenti interne non sono riparabili dall'utente. Questa unità ha TENSIONI PERICOLOSE e va aperta solamente da un tecnico specializzato e qualificato. Per evitare ogni possibilità di SCOSSE ELETTRICHE, interrompere l'alimentazione del dispositivo prima di collegare o staccare i cavi LAN.
- 6  **PERICOLO DI FULMINI**  
**PERICOLO: NON LAVORARE** sul dispositivo o sui CAVI durante PRECIPITAZIONI TEMPORALESCHES.
- 7  **ATTENZIONE: IL CAVO DI ALIMENTAZIONE È USATO COME DISPOSITIVO DI DISATTIVAZIONE. PER TOGLIERE LA CORRENTE AL DISPOSITIVO** staccare il cavo di alimentazione.
- 8  **ELETTRICITÀ - DISPOSITIVI DI CLASSE 1**  
**QUESTO DISPOSITIVO DEVE AVERE LA MESSA A TERRA.** La spina deve essere inserita in una presa di corrente specificamente dotata di messa a terra. Una presa non cablata in maniera corretta rischia di scaricare una tensione pericolosa su parti metalliche accessibili.
- 9  **APPARECCHIATURA COLLEGABILE**, la presa va installata vicino all'apparecchio per risultare facilmente accessibile".
- 10  **ATTENZIONE:** le prese d'aria non vanno ostruite e devono consentire il libero ricircolo dell'aria ambiente per il raffreddamento.
- 11  **TEMPERATURA DI FUNZIONAMENTO:** Questo prodotto è concepito per una temperatura ambientale massima di 40 gradi centigradi.
- 12  **TUTTI I PAESI:** installare il prodotto in conformità delle vigenti normative elettriche nazionali.



**Sikkerhetsnormer:** Dette produktet tilfredsstiller følgende sikkerhetsnormer.


- 1 RFI stråling EN55022 (1998)/CISPR-22 (1995) Klasse A
- 2  **ADVARSEL:** Hvis dette produktet benyttes til privat bruk, kan produktet forårsake radioforstyrrelse. Hvis dette skjer, må brukeren ta de nødvendige forholdsregler.
- 3 Immunitet IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Elektrisk sikkerhet UL 1950, CSA 22.2 No. 950,234, EN60950,  
IEC 60950

### SIKKERHET









- 5  **ELEKTRISITET**  
**ADVARSEL: FARE FOR ELEKTRISK SJOKK**  
For å unngå ELEKTRISK sjokk, må dekslet ikke tas av. Det finnes ingen deler som brukeren kan reparere på innsiden. Denne enheten inneholder FARLIGE SPENNINGER, og må kun åpnes av en faglig kvalifisert tekniker. For å unngå ELEKTRISK SJOKK må den elektriske strømmen til produktet være avslått før LAN-kablene til- eller frakobles.
- 6  **FARE FOR LYNNEDSLAG**  
**FARE: ARBEID IKKE** på utstyr eller KABLER i TORDENVÆR.
- 7  **FORSIKTIG: STRØMLEDNINGEN BRUKES TIL Å FRAKOBLE UTSTYRET. FOR Å DEAKTIVISERE UTSTYRET,** må strømforsyningen kobles fra.
- 8  **ELEKTRISK - TYPE 1- KLASSE UTSTYR**  
DETTE UTSTYRET MÅ JORDES. Strømkontakten må være tilkopleet en korrekt jordet kontakt. En kontakt som ikke er korrekt jordet kan føre til farlig spenninger i lett t ilgjengelige metalldeleer.
- 9  **UTSTYR FOR STIKKONTAKT.** Stikkontakten skal monteres i nærheten av utstyret og skal være lett tilgjengelig."
- 10  **FORSIKTIG:** Lufteventilene må ikke blokkeres, og må ha fri tilgang til luft med romtemperatur for avkjøling.
- 11  **DRIFTSTEMPERATUR:** Dette produktet er konstruert for bruk i maksimum romtemperatur på 40 grader celsius.
- 12  **ALLE LAND:** Produktet må installeres i samsvar med de lokale og nasjonale elektriske koder.

---


**Padrões:** Este produto atende aos seguintes padrões.

- 1 Emissão de interferência de radiofrequência EN55022 (1998)/CISPR-22 (1995) Classe A
- 2  **AVISO:** Num ambiente doméstico este produto pode causar interferência na radiorrecepção e, neste caso, pode ser necessário que o utente tome as medidas adequadas.
- 3 Imunidade IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- 4 Segurança Eléctrica UL 1950, CSA 22.2 No. 950,234, EN60950, IEC 60950









### SEGURANÇA

- 5  **AVISOS SOBRE CARACTERÍSTICAS ELÉTRICAS**  
**ATENÇÃO: PERIGO DE CHOQUE ELÉTRICO**  
Para evitar CHOQUE ELÉTRICO, não retire a tampa. Não contém peças que possam ser consertadas pelo usuário. Este aparelho contém VOLTAGENS PERIGOSAS e só deve ser aberto por um técnico qualificado e treinado. Para evitar a possibilidade de CHOQUE ELÉTRICO, desconecte o aparelho da fonte de energia eléctrica antes de conectar e desconectar os cabos da LAN.
- 6  **PERIGO DE CHOQUE CAUSADO POR RAIOS**  
**PERIGO: NÃO TRABALHE** no equipamento ou nos CABOS durante períodos suscetíveis a QUEDAS DE RAIOS.
- 7  **CUIDADO: O CABO DE ALIMENTAÇÃO É UTILIZADO COMO UM DISPOSITIVO DE DESCONEXÃO. PARA DESELETRIFICAR O EQUIPAMENTO,** desconecte o cabo de ALIMENTAÇÃO.
- 8  **ELÉTRICO - EQUIPAMENTOS DO TIPO CLASSE 1**  
DEVE SER FEITA LIGAÇÃO DE FIO TERRA PARA ESTE EQUIPAMENTO. O plugue de alimentação deve ser conectado a uma tomada com adequada ligação de fio terra. Tomadas sem adequada ligação de fio terra podem transmitir voltagens perigosas a peças metálicas expostas.
- 9  **EQUIPAMENTO DE LIGAÇÃO,** a tomada eléctrica deve estar instalada perto do equipamento e ser de fácil acesso."
- 10  **CUIDADO:** As aberturas de ventilação não devem ser bloqueadas e devem ter acesso livre ao ar ambiente para arrefecimento adequado do aparelho.
- 11  **TEMPERATURA DE FUNCIONAMENTO:** Este produto foi projetado para uma temperatura ambiente máxima de 40 graus centígrados.
- 12  **TODOS OS PAÍSES:** Instale o produto de acordo com as normas nacionais e locais para instalações eléctricas.

**Estándares:** Este producto cumple con los siguientes estándares.


- |   |   |  |
|---|---|--|
| 1 | Emisión RFI   | EN55022 (1998)/CISPR-22 (1995) Clase A   |
| 2 |  <b>ADVERTENCIA:</b> en un entorno doméstico, este producto puede causar radiointerferencias, en cuyo caso, puede requerirse del usuario que tome las medidas que sean convenientes al respecto. |  |
| 3 | Inmunidad   | IEC 1000-4-2 (4 kV CD, 8 kV AD)<br>IEC 1000-4-3 (1995) (3 V/m)<br>IEC 1000-4-4 (1995) (1.0 kV - (power line);<br>0.5 kV - (signal line))<br>IEC 1000-4-6 (1995) (3 Vrms) |
| 4 | Seguridad eléctrica   | UL 1950, CSA 22.2 No. 950,234, EN60950,<br>IEC 60950   |

### SEGURIDAD









- |    |  |  |
|----|--|--|
| 5  |  <b>AVISOS ELECTRICOS</b><br><b>ADVERTENCIA: PELIGRO DE ELECTROCHOQUE</b><br>Para evitar un ELECTROCHOQUE, no quite la tapa. No hay ningún componente en el interior al cual puede prestar servicio el usuario. Esta unidad contiene VOLTAJES PELIGROSOS y sólo deberá abrirla un técnico entrenado y calificado. Para evitar la posibilidad de ELECTROCHOQUE desconecte la corriente eléctrica que llega al producto antes de conectar o desconectar los cables LAN. |  |
| 6  |  <b>PELIGRO DE RAYOS</b><br><b>PELIGRO: NO REALICE NINGUN TIPO DE TRABAJO O CONEXION</b> en los equipos o en LOS CABLES durante TORMENTAS ELECTRICAS.   |  |
| 7  |  <b>ATENCION: EL CABLE DE ALIMENTACION SE USA COMO UN DISPOSITIVO DE DESCONEXION. PARA DESACTIVAR EL EQUIPO</b> , desconecte el cable de alimentación.  |  |
| 8  |  <b>ELECTRICO - EQUIPO DEL TIPO CLASE 1</b><br><b>ESTE EQUIPO TIENE QUE TENER CONEXION A TIERRA.</b> El cable tiene que conectarse a un enchufe a tierra debidamente instalado. Un enchufe que no está correctamente instalado podría ocasionar tensiones peligrosas en las partes metálicas que están expuestas.   |  |
| 9  |  <b>EQUIPO CONECTABLE</b> , el tomacorriente se debe instalar cerca del equipo, en un lugar con acceso fácil".   |  |
| 10 |  <b>ATENCION:</b> Las aberturas para ventilación no deberán bloquearse y deberán tener acceso libre al aire ambiental de la sala para su enfriamiento.  |  |
| 11 |  <b>TEMPERATURA REQUERIDA PARA LA OPERACIÓN:</b> Este producto está diseñado para una temperatura ambiental máxima de 40 grados C.  |  |
| 12 |  <b>PARA TODOS LOS PAÍSES:</b> Monte el producto de acuerdo con los Códigos Eléctricos locales y nacionales.  |  |

---

**Standarder:** Denna produkt uppfyller följande standarder.

- ☞ 1 Radiostörning EN55022 (1998)/CISPR-22 (1995) Klass A
- ☞ 2  **WARNING:** Denna produkt kan ge upphov till radiostörningar i hemmet, vilket kan tvinga användaren till att vidtaga erforderliga åtgärder.
- ☞ 3 Immunitet IEC 1000-4-2 (4 kV CD, 8 kV AD)  
IEC 1000-4-3 (1995) (3 V/m)  
IEC 1000-4-4 (1995) (1.0 kV - (power line);  
0.5 kV - (signal line))  
IEC 1000-4-6 (1995) (3 Vrms)
- ☞ 4 Elsäkerhet UL 1950, CSA 22.2 No. 950,234, EN60950,  
IEC 60950

### SÄKERHET

- ☞ 5  **TILLKÄNNAGIVANDEN BETRÄFFANDE ELEKTRICITETSRIK:**  
**RISK FÖR ELEKTRISK STÖT**För att undvika ELEKTRISK stöt, ta ej av locket. Det finns inga delar inuti som behöver underhållas. Denna apparat är under HÖGSPÄNNING och får endast öppnas av en utbildad kvalificerad tekniker. För att undvika ELEKTRISK STÖT, koppla ifrån produktens strömanslutning innan LAN-kablarna ansluts eller kopplas ur.
- ☞ 6  **FARA FÖR BLIXTNEDSLAG**  
**FARA:** ARBETA EJ på utrustningen eller kablarna vid ÅSKVÄDER.
- ☞ 7  **WARNING: NÄTKABELN ANVÄNDS SOM STRÖMBRYTARE FÖR ATT KOPPLA FRÅN STRÖMMEN**, dra ur nätkabeln.
- ☞ 8  **ELEKTRISKT - TYP KLASS 1 UTRUSTNING**  
**DENNA UTRUSTNING MÅSTE VARA JORDAD.** Nätkabeln måste vara ansluten till ett ordentligt jordat uttag. Ett felaktigt uttag kan göra att närliggande metalldelar utsätts för högspänning. Apparaten skall anslutas till jordat uttag, när den ansluts till ett nätverk.
- ☞ 9  **UTRUSTNING MED PLUGG.** Uttaget skall installeras i utrustningens närhet och vara lättåtkomligt".
- ☞ 10  **WARNING:** Luftventilerna får ej blockeras och måste ha fri tillgång till omgivande rumsluft för avvalning.
- ☞ 11  **DRIFTSTEMPERATUR:** Denna produkt är konstruerad för rumstemperatur ej överstigande 40 grader Celsius.
- ☞ 12  **ALLA LÄNDER:** Installera produkten i enlighet med lokala och statliga bestämmelser för elektrisk utrustning.

# **Appendix B**

## **Technical Support Fax Order**

---

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

### **Incident Summary**

Model number of Allied Telesyn product I am using \_\_\_\_\_

Firmware release number of Allied Telesyn product \_\_\_\_\_

Other network software products I am using (e.g., network managers)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Brief summary of problem \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Conditions (List the steps that led up to the problem.) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Detailed description (Please use separate sheet)

Please also fax printouts of relevant files such as batch files and configuration files. When completed, fax this sheet to the appropriate Allied Telesyn office. Fax numbers can be found on page viii.



## ***Appendix C***

# ***AT-BRPS8000 Installation Guide Feedback***

---

Please tell us what additional information you would like to see discussed in this guide. If there are topics you would like information on that were not covered in this guide, please photocopy this page, answer the questions and fax or mail this form back to Allied Telesyn. The mailing address and fax number are at the bottom of the page. Your comments are valuable when we plan future revisions of this guide.

I found the following the most valuable \_\_\_\_\_

---

---

---

---

I would like the following more developed \_\_\_\_\_

---

---

---

---

I would find this guide more useful if \_\_\_\_\_

---

---

---

Please fax or mail your feedback. Fax to 1-408-736-0100. Or mail to:  
Allied Telesyn International, Corp.  
c/o Technical Communications  
960 Stewart Drive, Suite B  
Sunnyvale, CA 94086 USA

PN 613-50112-00 Rev A

