



AT-A15/SX

AT-A15/LX

AT-A16

AT-A17

AT-A18

AT-A19

Expansion Modules

Quick Install Guide

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Safety Warnings

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 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


EN50082-1 1997  3


Electrical Safety

TUV-EN60950, UL1950, CSA 950  4



Laser


EN60825  5


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.

VIGTIG: 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 käännetyt 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.

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Overview

The AT-A1x Series Expansion Modules are optional uplinks for the AT-8216FXL/MT, AT-8216FXL/VE, AT-8216FXL/SC, and AT-8224XL Fast Ethernet Switches. The expansion modules are designed to be installed into the two expansion slots on the front of each switch. The expansion modules, which can be installed in any combination, offer you flexibility in building or expanding your network.

Figure 1 through Figure 5 show the front panels while Table 1 describes each expansion module.



Figure 1 AT-A15 Expansion Module (SX or LX)



Figure 2 AT-A16 Expansion Module

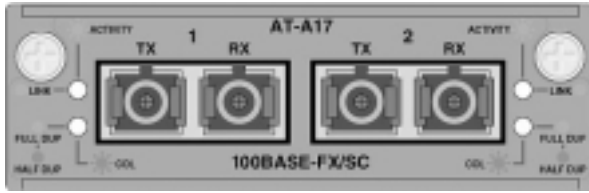


Figure 3 AT-A17 Expansion Module

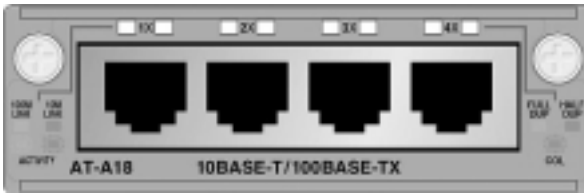


Figure 4 AT-A18 Expansion Module

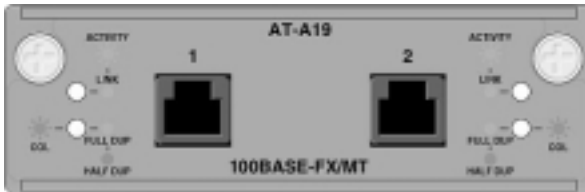


Figure 5 AT-A19 Expansion Module

Table 1 Expansion Module Features

Module	Port Type	Connector Type	Cable Type ¹	Maximum Cable Length
AT-A15/SX	1000Base-SX	SC	50/125 micron multimode fiber	1,804 ft (550 m) ²
			62.5/125 micron multimode fiber	902 ft (275 m) ³
AT-A15/LX	1000Base-LX	SC	9/125 micron single-mode fiber cable	6.2 mi (10 km)
			50/125 or 62.5/125 micron multimode fiber	1,804 ft (550 m) ²
AT-A16	100Base-FX	VF-45	50/125 or 62.5/125 micron multimode fiber	Full-duplex 6,600 ft (2 km) Half-duplex 1,360 ft (412 m)
AT-A17	100Base-FX	SC	50/125 or 62.5/125 micron multimode fiber	Full-duplex 6,600 ft (2 km) Half-duplex 1,360 ft (412 m)
AT-A18	10/100Base-TX	RJ-45	10Base-T Category 3 or better	328 ft (100 m)
			100Base-T Category 5 or better	328 ft (100 m)
AT-A19	100Base-FX	MT-RJ	50/125 or 62.5/125 micron multimode fiber	Full-duplex 6,600 ft (2 km) Half-duplex 1,360 ft (412 m)

1. Refer to the IEEE 802.3 Standards for further cable information.

2. Assumes a fiber optic cable rating of 500 Mhz/Km.

3. Assumes a fiber optic cable rating of 200 Mhz/Km.

Verifying the Package Contents

Check your expansion module package for the following items:

- One AT-A1x Series Expansion Module
- This Quick Install Guide
- Warranty card

If any of the items are missing or damaged, contact your Allied Telesyn representative.

Reviewing Safety Precautions

Please review the following safety precautions before you begin to install the expansion module.



Laser

Warning Class 1 Laser product. *See 6*



Laser

Warning Do not stare into the Laser beam. *See 7*



Warning

Lightning Danger

DO NOT WORK on equipment or CABLES during periods of LIGHTNING ACTIVITY. *See 8*



Warning

CAUTION: POWER CORD IS USED AS A DISCONNECTION DEVICE. TO DE-ENERGISE EQUIPMENT disconnect the power cord. *See 9*



Caution

Air vents must not be blocked and must have free access to the room ambient air for cooling. *See 10*



Caution

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



Caution

All Countries: Install product in accordance with local and National Electrical Codes. *See 12*

Installing the Expansion Module

To install an expansion module, perform the following steps:

1. Disconnect the switch's power cord, if attached.




Warning

Make sure to disconnect the power cord before installing the expansion module. Installing an expansion module without doing so can damage the module.



Warning

The power cord is used as a disconnect device. To de-energize equipment, disconnect the power cord.  9

2. Remove a blank faceplate from one of the expansion slots by unscrewing the faceplates two captive screws. Refer to Figure 6. **Do not remove the blank faceplate if you are not installing an expansion module into the slot.**

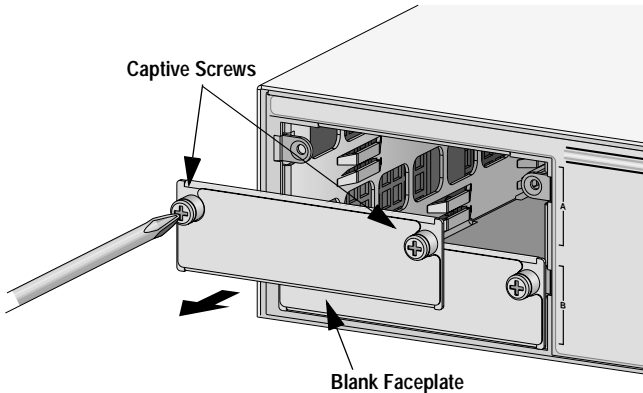


Figure 6 Removing the Blank Panel

If you are installing only one expansion module in the switch, you should install the module in slot A. While the module will work in slot B with slot A empty, the port numbering assignments will change if you later install a module in slot A. This could affect the VLAN memberships on the switch and this could require you to adjust your VLAN configurations.

For example, if you install an AT-A17 in slot B while leaving slot A empty, the switch will assign the port numbers 25 and 26 to the ports on the module. If you later install another AT-A17 in slot A, the switch will automatically reallocate port numbers 25 and 26 to the new modules in slot A and assign the port numbers 27 and 28 to the module in slot B. If the module in slot B had been a member of a VLAN, you would be required to reconfigure the VLAN to reflect the change to its port numbers.

3. Remove the expansion module from the packing material. Make sure you observe ESD precautions.
4. Slide the expansion module into the empty slot making sure the board is aligned properly with the card guides. Refer to Figure 7.

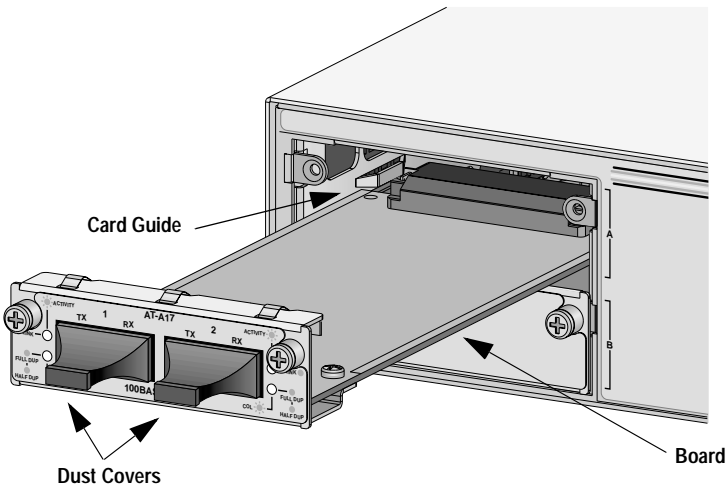


Figure 7 Installing an Expansion Module

5. Secure the expansion module to the switch by tightening the captive screws.
6. Apply power to the switch by re-attaching the power cord to the switch. Verify that the Power LED lights green.
7. Remove the dust cover from the port(s) on the expansion module and connect the data cable(s).

Note

All modules except the AT-A18 modules are shipped with a dust cover over the ports.

8. Verify the LEDs on the expansion module's front panel by referring to Table 2.

Table 2 Expansion Module LEDs

LED	State	Description
Activity/Link	Solid Green	Indicates a 100 Mbps link.
	Flashing Green	Indicates 100 Mbps activity.
	Solid Amber	Indicates a 10 Mbps link (10/100 ports only).
	Flashing Amber	Indicates 10 Mbps activity (10/100 ports only).
Full Dup/Half Dup/Col	Solid Green	The port is operating at full-duplex.
	Solid Amber	The port is operating at half-duplex.
	Flashing Amber	Collisions are occurring on the line.

The AT-A1x Series Expansion Module is now ready for use.

Changing the GBIC Module in the AT-A15/SX or AT-A15/LX Expansion Module

The AT-A15 (SX or LX) expansion module can be equipped with the AT-G8SX GBIC module for LED transmission of up to 1,804 ft (550 m) or the AT-G8LX GBIC module for laser transmission of up to 16,400 ft (5 km).

This procedure explains how to change the GBIC module in an AT-A15 (SX or LX) module. The procedure assumes that the expansion module has been installed in the switch. If you have not installed the AT-A15 (SX or LX) module in the switch, refer to “Installing the Expansion Module” on page 5. To change the GBIC module, perform the following procedure:

1. Remove the fiber cables from both ports of the module, if attached.



Laser

Do not stare into the laser beam. ⚡ 7

2. Remove the GBIC module from the AT-A15 (SX or LX) expansion module by pulling up the release wire and sliding the module out of the expansion slot. Refer to Figure 8.

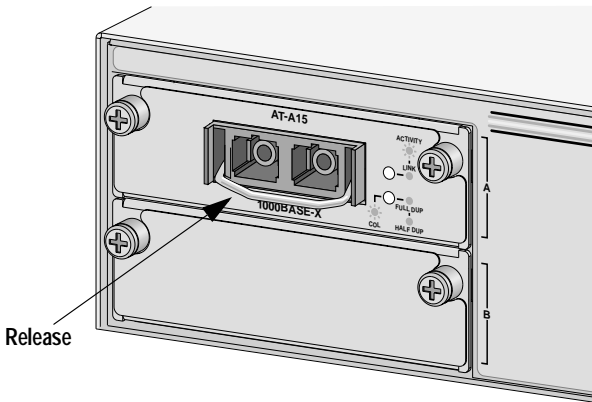


Figure 8 AT-GBIC Module

3. Slide the new GBIC module into the expansion slot and push it in until it clicks. Refer to Figure 9.

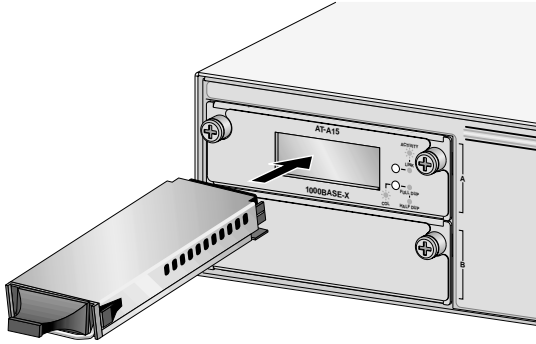


Figure 9 Installing a GBIC Module into the AT-A15 (SX or LX) Expansion Slot

4. Remove the dust cover and attach the fiber cables. It is important to leave the dust cover in place if you are not attaching the cables at this time. Dust in the ports will degrade transmission.
5. Apply power to the switch by re-attaching the power cord. Verify that the Power LED lights green.

The AT-A15/SX or AT-A15/LX expansion module is now ready for use.

Appendix A

Translated Safety 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 sikkerhedsadvarselne 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
<p>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.</p> <p>Note: Modifications or changes not expressly approved by the manufacturer or the FCC can void your right to operate this equipment.</p>








Industry Canada
<p>Industry Canada This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.</p> <p>Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.</p>

- ⌘ 1 RFI Emission EN55022 Class A
- ⌘ 2  **WARNING:** In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
- ⌘ 3 Immunity EN50082-1 1997
- ⌘ 4 Electrical Safety TUV-EN60950, UL1950, CSA 950
- ⌘ 5  Laser EN60825
 At time of installation the Fiber Optic Lasers comply with FDA Radiation Performance Standard 21CFR Subchapter J, applicable at date of manufacture.
- ⌘ 6  Warning Class 1 Laser product.
- ⌘ 7  Warning Do not stare into the Laser beam.
 Caution: Use of controls or adjustments of performance other than those specified may result in hazardous radiation exposure.
- ⌘ 8  **LIGHTNING DANGER**
DANGER: DO NOT WORK on equipment or CABLES during periods of LIGHTNING ACTIVITY.
- ⌘ 9  **WARNING: POWER CORD IS USED AS A DISCONNECTION DEVICE. TO DE-ENERGISE EQUIPMENT** disconnect the power cord.
- ⌘ 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 Klasse A
- 2  **WARNUNG:** Bei Verwendung zu Hause kann dieses Produkt Funkstörungen hervorrufen. In diesem Fall müßte der Anwender angemessene Gegenmaßnahmen ergreifen.
- 3 Störsicherheit EN50082-1 1997
- 4 Elektrische Sicherheit TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825
- 6  **WARNUNG** Laserprodukt der Klasse 1.
- 7  **WARNUNG** Nicht direkt in den Strahl blicken.
- 8  **GEFAHR DURCH BLITZSCHLAG**
GEFAHR: Keine Arbeiten am Gerät oder an den Kabeln während eines Gewitters ausführen.
- 9  **VORSICHT: DAS NETZKABEL DIENT ZUM TRENNEN DER STROMVERSORGUNG. ZUR TRENNUNG VOM NETZ, KABEL AUS DER STECKDOSE ZIEHEN.**
- 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 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 EN50082-1 1997
- 4 Elektrisk sikkerhed TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825

- 6  ADVARSEL Laserprodukt av klasse 1.
- 7  ADVARSEL Stirr ikke på strålen.
- 8  FARE UNDER UVEJR
FARE: UNDLAD at arbejde på udstyr eller KABLER i perioder med LYNAKTIVITET.
- 9  ADVARSEL: DEN STRØMFØRENDE LEDNING BRUGES TIL AT AFBRYDE STRØMMEN. SKAL STRØMMEN TIL APPARATET AFBRYDES, tages ledningen ud af stikket.
- 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.






NORMEN: Dit product voldoet aan de volgende eisen.





- 1 RFI Emissie EN55022 Klasse A
- 2  WAARSCHUWING: Binnenshuis kan dit product radiostoring veroorzaken, in welk geval de gebruiker verplicht kan worden om gepaste maatregelen te nemen.
- 3 Immunititeit EN50082-1 1997
- 4 Electricische Veiligheid TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825
- 6  WAARSHUWING Klasse-1 laser produkt.
- 7  WAARCHUWING Neit in de straal staren.
- 8  GEVAAR VOOR BLIKSEMINSLAG
GEVAAR: NIET aan toestellen of KABELS WERKEN bij BLIKSEM.
- 9  WAARSCHUWING: HET TOESTEL WORDT UITGESCHAKELD DOOR DE STROOMKABEL TE ONTKOPPELEN.OM HET TOESTEL STROOMLOOS TE MAKEN: de stroomkabel ontkoppelen.
- 10  OPGELET: De ventilatiegaten mogen niet worden gesperd en moeten de omgevingslucht ongehinderd toelaten voor afkoeling.
- 11  BEDRIJFSTEMPERATUUR
De omgevingstemperatuur voor dit produkt mag niet meer bedragen dan 40 graden Celsius.
- 12  ALLE LANDEN: 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 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 | EN50082 - 1 1997 |
| 4 | | Sécurité électrique | TUV-EN60950, UL1950, CSA 950 |
| 5 |  | Laser | EN60825 |
| 6 |  | ATTENTION Produit laser di classe 1. | |
| 7 |  | ATTENTION Ne pas fixer le faisceau des yeux. | |
| 8 |  | DANGER DE Foudre
DANGER: NE PAS MANIER le matériel ou les CÂBLES lors d'activité orageuse. | |
| 9 |  | ATTENTION: LE CORDON D'ALIMENTATION SERT DE MISE HORS CIRCUIT. POUR COUPER L'ALIMENTATION DU MATÉRIEL, débrancher le cordon. | |
| 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 40 degrés Celsius. | |
| 12 |  | POUR TOUS PAYS: Installer le matériel conformément aux normes électriques nationales et locales. | |

NORMIT: Tämä tuote on seuraavien standardien mukainen.










- | | | | |
|---|---|--|------------------------------|
| 1 | | Radioaaltojen häirintä | EN55022 Luokka A |
| 2 |  | VAROITUS: Kotiolosuhteissa tämä laite voi aiheuttaa radioaaltojen häiriitä, missä tapauksessa laitteen käyttäjän on mahdollisesti ryhdyttävä tarpeellisiin toimenpiteisiin. | |
| 3 | | Kestävyys | EN50082-1 1997 |
| 4 | | Sähköturvallisuus | TUV-EN60950, UL1950, CSA 950 |
| 5 |  | Laser | EN60825 |
| 6 |  | VAROITUS Luokan 1 Lasertuote. | |
| 7 |  | VARIOTUS Älä katso säteeseen. | |
| 8 |  | SALAMANISKUVAARA
HENGENVAAARA: ÄLÄ TYÖSKENTELE laitteiden tai KAAPELEIDEN KANSSA SALAMOINNIN AIKANA. | |

- 9  HUOMAUTUS: VIRTAJOHTOA KÄYTETÄÄN VIRRANKATKAISULAITTEENA. VIRTA KATKAISTAAN irrottamalla virtajohto.
- 10  HUOMAUTUS: Ilmavaihtoreikiä ei pidä tukkia ja niillä täytyy olla vapaa yhteys ympäröivään huoneilmaan, jotta ilmanvaihto tapahtuisi.
- 11  KÄYTTÖLÄMPÖTILA
Tämä tuote on suunniteltu ympäröivän ilman maksimilämpötilalle 40° C.
- 12  KAIKKI MAAT: Asenna tuote paikallisten ja kansallisten sähköturvallisuusmääräysten mukaisesti.
-






STANDARD: Questo prodotto è conforme ai seguenti standard.




- 1  Emissioni RFI (interferenza di radiofrequenza) EN55022 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 EN50082-1 1997
- 4 Sicurezza elettrica TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825
- 6  AVVERTENZA Prodotto laser di Classe 1.
- 7  AVVERTENZA Non fissare il raggio con gli occhi.
- 8  PERICOLO DI FULMINI
PERICOLO: NON LAVORARE sul dispositivo o sui CAVI durante PRECIPITAZIONI TEMPORALESCHIE.
- 9  ATTENZIONE : IL CAVO DI ALIMENTAZIONE È USATO COME DISPOSITIVO DI DISATTIVAZIONE. PER TOGLIERE LA CORRENTE AL DISPOSITIVO staccare il cavo di alimentazione.
- 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.

SIKKERHETSKRAV: Dette produktet tilfredsstiller følgende sikkerhetsnormer:










- | | | |
|------|---|------------------------------|
| ☞ 1 | RFI stråling | EN55022 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 | EN50082-1 1997 |
| ☞ 4 | Elektrisk sikkerhet | TUV-EN60950, UL1950, CSA 950 |
| ☞ 5 |  Laser | EN60825 |
| ☞ 6 |  ADVARSEL Laserprodukt av klasse 1. | |
| ☞ 7 |  ADVARSEL Stirr ikke på strålen. | |
| ☞ 8 |  FARE FOR LYNNEDSLAG
FARE: ARBEID IKKE på utstyr eller KABLER i TORDENVÆR. | |
| ☞ 9 |  FORSIKTIG: STRØMLEDNINGEN BRUKES TIL Å FRAKOBLE UTSTYRET. FOR Å DEAKTIVISERE UTSTYRET, må strømforsyningen kobles fra. | |
| ☞ 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. | |

PADROES: Este produto atende aos seguintes padroes:










- | | | |
|-----|--|------------------------------|
| ☞ 1 | Emissão de interferência de radiofrequência | EN55022 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 | EN50082-1 1997 |
| ☞ 4 | Segurança Eléctrica | TUV-EN60950, UL1950, CSA 950 |
| ☞ 5 |  Laser | EN60825 |
| ☞ 6 |  AVISO Produto laser de classe 1 | |
| ☞ 7 |  AVISO Não olhe fixamente para o raio. | |
| ☞ 8 |  PERIGO DE CHOQUE CAUSADO POR RAIOS
PERIGO: NÃO TRABALHE no equipamento ou nos CABOS durante períodos suscetíveis a QUEDAS DE RAIOS. | |

- 9  **CUIDADO:** O CABO DE ALIMENTAÇÃO É UTILIZADO COMO UM DISPOSITIVO DE DESCONEXÃO. PARA DESELETRIFICAR O EQUIPAMENTO, desconecte o cabo de ALIMENTAÇÃO.
- 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 elétricas.

ESTANDARES: Este producto cumple con los siguientes estandares.

- 1 Emisión RFI EN55022 Clase A
- 2  **ADVERTENCIA:** 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 EN50082-1 1997
- 4 Seguridad eléctrica TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825
- 6  ¡ADVERTENCIA! Producto láser Clase 1.
- 7  ¡ADVERTENCIA! No mirat fijamente el haz.
- 8  **PELIGRO DE RAYOS**
PELIGRO: NO REALICE NINGUN TIPO DE TRABAJO O CONEXION en los equipos o en LOS CABLES durante TORMENTAS ELECTRICAS.
- 9  **ATENCION:** EL CABLE DE ALIMENTACION SE USA COMO UN DISPOSITIVO DE DESCONEXION. PARA DESACTIVAR EL EQUIPO, desconecte el cable de alimentación.
- 10  **ATENCION:** Las aberturas para ventilación no deberán bloquearse y deberán tener acceso libre al aire ambiental de la sala para su enfriamiento.
- 11  **TEMPERATURA REQUERIDA PARA LA OPERACIÓN**
Este producto está diseñado para una temperatura ambiental máxima de 40 grados C.
- 12  **PARA TODOS LOS PAÍSES:** Monte el producto de acuerdo con los Códigos Eléctricos locales y nacionales.

STANDARDER: Denna produkt uppfyller följande standarder.

- 1 Radiostörning EN55022 Klass A
- 2  **WARNING:** Denna produkt kan ge upphov till radiostörningar i hemmet, vilket kan tvinga användaren till att vidtaga erforderliga åtgärder.
- 3 Immunitet EN50082-1 1997
- 4 Elsäkerhet TUV-EN60950, UL1950, CSA 950
- 5  Laser EN60825
- 6  **WARNING!** Laserprodukt av klass 1.
- 7  **WARNING!** Laserstrålning när enheten är öppen.
- 8  **FARA FÖR BLIXTNEDSLAG**
FARA: ARBETA EJ på utrustningen eller kablarna vid ÅSKVÄDER.
- 9  **WARNING:** NÄTKABELN ANVÄNDS SOM STRÖMBRYTARE FÖR ATT KOPPLA FRÅN STRÖMMEN, dra ur nätkabeln.
- 10  **WARNING:** Luftventilerna får ej blockeras och måste ha fri tillgång till omgivande rumsluft för avsvälning.
- 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

AT-A1x Series Expansion Module Quick Install 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 Steward Drive, Suite B
Sunnyvale, CA 94086 USA

Appendix C

Technical Support Fax Order

Name _____

Company _____

Address _____

City _____ State/Province _____

Zip/Postal Code _____ Country _____

Phone _____ Fax _____

Incident Summary

Allied Telesyn model number _____

Firmware release number of Allied Telesyn product (if applicable) _____

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 19.

Appendix D

Where To Find Us

For Technical Support or Service		
Location	Phone	Fax
Americas United States, Canada, Mexico, Central America, South America	1 (800) 428-4835	1 (503) 639-3946
Asia Singapore, Taiwan, Thailand, Malaysia, Indonesia, Korea, Philippines, China, India, Hong Kong	(+65) 3815-612	(+65) 3833-830
Australia Australia, New Zealand	1 (800) 000-880	(+61) 2-9438-4966
France France, Belgium, Luxembourg, The Netherlands, Middle East, Africa	(+33) 1-60-92-15-25	(+33) 1-69-28-37-49
Germany Germany, Switzerland, Austria, Eastern Europe	(+49) 30-435-900-126	(+49) 30-435-70-650
Italy Italy, Spain, Portugal, Greece, Turkey, Israel	(+39) 02-416047	(+39) 02-419282
Japan	(+81) 3-3443-5640	(+81) 3-3443-2443
United Kingdom United Kingdom, Denmark, Norway, Sweden, Finland, Iceland	(+44) 1-235-442560	(+44) 1-235-442680
Technical Support E-mail Address	TS1@alliedtelesyn.com	
FTP Server	Address: gateway.centre.com [lowercase letters] Login: anonymous [lowercase letters] Password: your e-mail address [requested by the server at login]	

For Corporate and Sales 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
World Wide Web	http://www.alliedtelesyn.com

