

8275 Model 416 High Performance Ethernet
Workgroup Switch



Electronic Emission and Safety Notices

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Workgroup Switch



Electronic Emission and Safety Notices

Note

Before using the product, be sure to read the general information under “Chapter 1. Notices” on page 1 and “Chapter 2. Electronic Emission Notices” on page 3, and safety information in “Chapter 3. Safety Information” on page 7.

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These Electronic Emission Notices and Safety Notices applies to the 8275 Model 416 High Performance Ethernet Workgroup Switch.

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About This Guide

This guide provides the EMC and Safety Notices you should read before installing or operating the 8275 Model 416 High Performance Ethernet Workgroup Switch.

Who Should Read This Manual

This guide is intended for the person responsible for installing and operating the 8275-416. It is assumed that this person is familiar with installing networking hardware on desktops or shelves or mounting it in equipment racks, as well as handling and attaching data cables and power cords.

Accessing the Softcopy Library

Softcopy versions of 8275-416 product documentation are available from either the Documentation CD-ROM (shipped with the product) or the IBM Networking Products Web site. To access product documentation shipped on the CD-ROM, follow the instructions provided on the CD-ROM. Visit the following Web site to access the 8275-416 documentation:

<http://www.ibm.com/networking/support/docs.nsf/8275docs>

Online Support

To obtain support information, including technical tips, current product information, and code updates and fixes for the 8275-416, visit the IBM Networking Technical Support page at:

<http://www.ibm.com/networking/support>

You can also subscribe to receive e-mail notifications about code updates, tips, and FAQs for you 8275-416.

Obtaining Service

If you need assistance in troubleshooting or you need service for your 8275-416, call:

- **1-800-772-2227** in the United States
- **1-800-426-7378 (1-800-IBM-SERV)** in Canada
- Your place of purchase in other countries

Refer to your IBM Warranty for information concerning service for the product.

Chapter 1. Notices

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Chapter 2. Electronic Emission Notices

Federal Communications Commission (FCC) Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the 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 the 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.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connector or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Class A Emission Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.

Avis de conformité aux normes d'Industrie Canada

Cet appareil numérique de la classe A est conform à la norme NMB-003 du Canada.

European Norm (EN) Statement

This product is in conformity with the protection requirements of EC Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class A Information Technology Equipment according to CISPR 22/European Standard EN 55022. The limits for Class A equipment were derived for commercial and industrial environments to provide reasonable protection against interference with licensed communication equipment.

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

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) vom 30. August 1995 (bzw. der EMC EG Richtlinie 89/336).

Dieses Gerät ist berechtigt in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Konformitätserklärung nach Paragraph 5 des EMVG ist die IBM Deutschland Informationssysteme GmbH, 70548 Stuttgart.

Informationen in Hinsicht EMVG Paragraph 3 Abs. (2) 2:

Das Gerät erfüllt die Schutzanforderungen nach EN 50082-1 und EN 55022 Klasse A.
--

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden: "Warnung: dies ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funkstörungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen durchzuführen und dafür aufzukommen."

EN 50082-1 Hinweis: "Wird dieses Gerät in einer industriellen Umgebung betrieben (wie in EN 50082-2 festgelegt), dann kann es dabei eventuell gestört werden. In solch einem Fall ist der Abstand bzw. die Abschirmung zu der industriellen Störquelle zu vergrößern."

Anmerkung: Um die Einhaltung des EMVG sicherzustellen sind die Geräte, wie in den IBM Handbüchern angegeben, zu installieren und zu betreiben.

Japanese Voluntary Control Council for Interference (VCCI) Statement

This product is a Class A Information Technology Equipment and conforms to the standards set by the Voluntary Control Council for Interference by Technology Equipment (VCCI). In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

Korean Communications Statement

Please note that this device has been certified for business purpose with regard to electromagnetic interference. If you find this is not suitable for your use, you may exchange it for one of residential use.

Taiwanese Class A Warning Statement

警告使用者：
這是甲類的資訊產品，在
居住的環境中使用時，可
能會造成射頻干擾，在這
種情況下，使用者會被要
求採取某些適當的對策。

Class 1 LED Statement

Class 1 LED Product

LED Klasse 1

LED Klass 1

Luokan 1 Ledlaite

Appareil À LED de Classe 1

To IEC 825-1: 1993

Class 1 Laser Statement

Class 1 Laser Product

Laser Klasse 1

Laser Klass 1

Luokan 1 Laserlaite

Appareil À Laser de Classe 1

To IEC 825-1:1993

Chapter 3. Safety Information

Reference to Safety Booklet



Danger: Before you begin to install this product, read the safety information in *Caution: Safety Information—Read This First*, SD21-0030. This booklet describes safe procedures for cabling and plugging in electrical equipment.



Gevaar: Voordat u begint met de installatie van dit produkt, moet u eerst de veiligheidsinstructies lezen in de brochure *PAS OP! Veiligheidsinstructies—Lees dit eerst*, SD21-0030. Hierin wordt beschreven hoe u elektrische apparatuur op een veilige manier moet bekabelen en aansluiten.



Danger: Avant de procéder à l'installation de ce produit, lisez d'abord les consignes de sécurité dans la brochure *ATTENTION: Consignes de sécurité—A lire au préalable*, SD21-0030. Cette brochure décrit les procédures pour câbler et connecter les appareils électriques en toute sécurité.



Perigo: Antes de começar a instalar este produto, leia as informações de segurança contidas em *Cuidado: Informações Sobre Segurança—Leia Isto Primeiro*, SD21-0030. Esse folheto descreve procedimentos de segurança para a instalação de cabos e conexões em equipamentos elétricos.



危險：安裝本產品之前，請先閱讀
"Caution: Safety Information—Read
This First" SD21-0030 手冊中所提
供的安全注意事項。這本手冊將會說明
使用電器設備的纜線及電源的安全程序。



Opasnost: Prije nego što počnete sa instalacijom produkta, pročitatje naputak o pravilima o sigurnom rukovanju u Upozorenje: Pravila o sigurnom rukovanju - Prvo pročitaj ovo, SD21-0030. Ovaj privitak opisuje sigurnosne postupke za priključivanje kabela i priključivanje na električno napajanje.



Upozornění: než zahájíte instalaci tohoto produktu, přečtěte si nejprve bezpečnostní informace v pokynech „Bezpečnostní informace“ č. 21-0030. Tato brožurka popisuje bezpečnostní opatření pro kabeláž a zapojení elektrického zařízení.



Fare! Før du installerer dette produkt, skal du læse sikkerhedsforskrifterne i *NB: Sikkerhedsforskrifter—Læs dette først* SD21-0030. Vejledningen beskriver den fremgangsmåde, du skal bruge ved tilslutning af kabler og udstyr.



Gevaar Voordat u begint met het installeren van dit produkt, dient u eerst de veiligheidsrichtlijnen te lezen die zijn vermeld in de publikatie *Caution: Safety Information - Read This First*, SD21-0030. In dit boekje vindt u veilige procedures voor het aansluiten van elektrische apparatuur.



VAARA: Ennen kuin aloitat tämän tuotteen asennuksen, lue julkaisussa *Varoitus: Turvaohjeet—Lue tämä ensin*, SD21-0030, olevat turvaohjeet. Tässä kirjasessa on ohjeet siitä, miten sähkölaitteet kaapeloidaan ja kytketään turvallisesti.



Danger : Avant d'installer le présent produit, consultez le livret *Attention : Informations pour la sécurité — Lisez-moi d'abord*, SD21-0030, qui décrit les procédures à respecter pour effectuer les opérations de câblage et brancher les équipements électriques en toute sécurité.



Vorsicht: Bevor mit der Installation des Produktes begonnen wird, die Sicherheitshinweise in *Achtung: Sicherheitsinformationen—Bitte zuerst lesen*, IBM Form SD21-0030. Diese Veröffentlichung beschreibt die Sicherheitsvorkehrungen für das Verkabeln und Anschließen elektrischer Geräte.



Κίνδυνος: Πριν ξεκινήσετε την εγκατάσταση αυτού του προϊόντος, διαβάστε τις πληροφορίες ασφάλειας στο φυλλάδιο *Caution: Safety Information—Read this first*, SD21-0030. Στο φυλλάδιο αυτό περιγράφονται οι ασφαλείς διαδικασίες για την καλωδίωση των ηλεκτρικών συσκευών και τη σύνδεσή τους στην πρίζα.



Vigyázat: Mielőtt megkezdi a berendezés üzembe helyezését, olvassa el a *Caution: Safety Information—Read This First*, SD21-0030 könyvecskében leírt biztonsági információkat. Ez a könyv leírja, milyen biztonsági intézkedéseket kell megtenni az elektromos berendezés huzalozásakor illetve csatlakoztatásakor.



Pericolo: prima di iniziare l'installazione di questo prodotto, leggere le informazioni relative alla sicurezza riportate nell'opuscolo *Attenzione: Informazioni di sicurezza — Prime informazioni da leggere* in cui sono descritte le procedure per il cablaggio ed il collegamento di apparecchiature elettriche.



危険： 導入作業を開始する前に、安全に関する小冊子SD21-0030 の「最初にお読みください」(Read This First)の項をお読みください。
この小冊子は、電気機器の安全な配線と接続の手順について説明しています。



위험: 이 제품을 설치하기 전에 반드시 "주의: 안전 정보-시작하기 전에" (SD21-0030) 에 있는 안전 정보를 읽으십시오.



ОПАСНОСТ

Пред да почнете да го инсталирате овој продукт, прочитајте ја информацијата за безбедност:
"Предупредување: Информација за безбедност: Прочитајте го прво ова", SD21-0030.
Оваа брошура опишува безбедносни процедури за каблирање и вклучување на електрична опрема.



Fare: Før du begynner å installere dette produktet, må du lese sikkerhetsinformasjonen i *Advarsel: Sikkerhetsinformasjon — Les dette først*, SD21-0030 som beskriver sikkerhetsrutinene for kabling og tilkobling av elektrisk utstyr.



Uwaga:
Przed rozpoczęciem instalacji produktu należy zapoznać się z instrukcją: "Caution: Safety Information - Read This First", SD21-0030.
Zawiera ona warunki bezpieczeństwa przy podłączeniu do sieci elektrycznej i eksploatacji.



Perigo: Antes de iniciar a instalação deste produto, leia as informações de segurança *Cuidado: Informações de Segurança — Leia Primeiro*, SD21-0030. Este documento descreve como efectuar, de um modo seguro, as ligações eléctricas dos equipamentos.



ОСТОРОЖНО: Прежде чем установить этот продукт, прочтите Инструкцию по технике безопасности в документе "Внимание: Инструкция по технике безопасности -- Прочсть в первую очередь", SD21-0030. В этой брошюре описаны безопасные способы кабирования и подключения электрического оборудования.



Nebezpečnostvo: Pred inštaláciou výrobku si prečítajte bezpečnosté predpisy v Výstraha: Bezpeč osté predpisy - Prečítaj ako prvé, SD21 0030. V tejto brožúrke sú opísané bezpečnosté postupy pre pripojenie elektrických zariadení.



Pozor: Preden začnete z instalacijo tega produkta preberite poglavje: "Opozorilo: Informacije o varnem rokovanju-preberi pred uporabo," SD21-0030. To poglavje opisuje pravilne postopke za kabliranje.



Peligro: Antes de empezar a instalar este producto, lea la información de seguridad en *Atención: Información de Seguridad — Lea Esto Primero*, SD21-0030. Este documento describe los procedimientos de seguridad para cablear y enchufar equipos eléctricos.



Varning — livsfara: Innan du börjar installera den här produkten bör du läsa säkerhetsinformationen i dokumentet *Varning: Säkerhetsföreskrifter— Läs detta först*, SD21-0030. Där beskrivs hur du på ett säkert sätt ansluter elektrisk utrustning.



危險：

開始安裝此產品之前，請先閱讀安全資訊。

注意：

請先閱讀 - 安全資訊 SD21-0030

此冊子說明插接電器設備之電纜線的安全程序。

Safety Notice



Danger: Double-pole/neutral fusing in the power supply. Power might present in the product unless the power cord is unplugged.



Cuidado: Fusível bipolar/neutro na fonte de alimentação. Pode haver energia presente no produto, a menos que o cabo de alimentação esteja desconectado.



Waarschuwing:

Dubbelpool/neutrala zekering in de voedingseenheid. Er kan spanning in het product aanwezig zijn zolang de stekker in het stopcontact zit.



Pas på!

Strømforsyningsenheden; er sikret til brug ved 110 og 220 volt. Der kan være; spænding; i produktet, medmindre netledningen er trukket ud.



VAARA: Virtalähde on varustettu kaksinapaisella sulakkeella, jossa on myös maanapa. Tuotteessa voi olla jännite, jos verkkojohtoa ei ole irrotettu.



ATTENTION : L'un des deux fusibles est sur le neutre. L'alimentation électrique est protégée e par fusibles sur les deux pôles (phase et neutre). Pré sence de courant possible sauf si le cordon d'alimentation est débranché.



Achtung: Zweipolige bzw. Neutralleiter-Sicherung im Netzteil. Netzstecker ziehen, um sicherzustellen, daß; keine Spannung am Gerät; anliegt.



Attenzione: L'alimentatore contiene fusibili su fasi/neutro. Può essere presente tensione nell'apparecchiatura se il cavo di alimentazione è collegato.



Advarsel: Topolet/nøytral; sikring i strømforsyningsenheten.; Det kan være; strøm; i maskinen hvis ikke nettkabelen er dratt ut .



Cuidado:

Protecção (por fusíveis) bipolar com neutro na fonte de alimentação. A menos que o cabo de alimentação esteja desligado, o produto pode estar sob tensão.



Precaución: Hay una fusión de doble polo/neutro en la fuente de alimentación. El producto podría estar cargado eléctricamente a menos que el cable de alimentación esté desconectado.



WARNING: Nöttaggregatet är dubbelpoligt avskökrat. Det kan finnas ström i produkten såvida inte nötkabeln är urkopplad.



تحذير: القطب الثنائي محايد الانصهار في مصدر الطاقة .
يمكن أن تكون الكهرباء موجودة في المنتج ما لم يتم فصل سلك
الكهرباء.



Предупреждение: Дублирано - фаза/нула свързване в енергийното захранване. Възможно е наличие на ел.енергия в уреда, докато захранващият кабел не е изваден от контакта.



Opasnost: Energetski izvor opremljen je osiguračima na faznom i nultom priključku. Uređaj može ostati pod naponom sve dok se priključni kabel ne odvoji od utičnice.



注意：电源中装有双柱式/中性保险丝。除非未插入电源线，否则产品带电。



注意：電源供應器內含雙極/中性熔絲 (Double-pole/neutral fusing) 。未將電源線自插座拔掉前，本產品內部可能有電存在。



Pozor: V napájecím zdroji je dvoupólové jištění (pojistka ve středním vodiči). Dokud není napájecí šňůra odpojená od sítě, může být zařízení pod napětím.



Προσοχή: Ασφάλεια δύο πόλων/ουδέτερου στην πηγή ρεύματος. Ενδέχεται να υπάρχει ηλεκτρική ισχύς στο προϊόν εάν δεν έχει αποσυνδεθεί το καλώδιο ρεύματος.



זהירות : נתיך דו-קוטבי/נייטרלי באספקת הכוח.
יש לנתק את כבל הכוח כדי למנוע זרם חשמל
במוצר.



Figyelem: A tápegységben kétpólusú biztosíték található. A termék kikapcsolt állapotban is feszültség alatt állhat, kivéve, ha a tápkábel ki van húzva.



注意：

この電源は、2極/中性線にヒューズを使用しています。
電源コードを抜いていない状態では電圧がかかっています。



주의: 전원 공급 장치에 양극/중성의 퓨즈가 있습니다.
전원 코드가 연결되지 않아도 제품 내에 전원이 잔류할 수 있습니다.



Uzmanību: Divpolu/neitrālā apvienotā strāvas apgāde.
Iespējams, ka produktā ir elektriskā strāva, ja strāvas vada
kontaktdakša nav izrauta no ligzdas.



Dėmesio: Įrenginyje yra atvirų dvigubų kontaktų su įtampa. Jeigu įrenginys neišjungtas, kai kurios dalys gali būti su įtampa.



Опасност: Во единицата за напојување има двополен осигурувач. Доколку кабелот за напојување не е исклучен, во производот може да биде присутна електрична енергија.



Uwaga: W zasilaczu zamontowany jest bezpiecznik.
Dopóki kabel zasilający nie zostanie odłączony w urządzeniu może występować napięcie.



Pericol: O siguranță neutră/două capete este în sursa de alimentare.
Tensiunea poate să fie prezentă în produs dacă nu este scos din priză
cablul de alimentare.



Осторожно: Источник питания с двухполюсным предохранителем. Устройство может быть под напряжением, пока вы не выдернете шнур из розетки.



Опасност: Извор напајања је опремљен осигурачима на фазном и нултом прикључку. У уређају може бити присутан напон осим ако је прикључни кабл одвојен од утичнице.



Výstraha: Poistky sú na oboch póloch napájacieho zdroja.
Pokiaľ nie je odpojená šnúra zo siete, zariadenie môže byť pod napätím.



Nevarnost: Pri napajalniku je zagotovljeno varovanje polov in nevtralnega vodnika. Napetost je lahko prisotna na izdelku, če priključnega kabla ne potegnemo iz vtičnice.



Dikkat: Güç kaynağı çift kutuplu, topraklı sigorta içerir. Güç kablosu prizden çekilmedikçe üründe elektrik bulunabilir.



Part Number: 31L4624



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Web sites:

8275-416 Documentation

<http://www.ibm.com/networking/support/docs.nsf/8275docs>

8275-416 Software Updates

<http://www.ibm.com/networking/support/downloads/8275>

8275-416 Product Support

<http://www.ibm.com/networking/support/8275>

31L4624

