

DESCRIPTION

PRODUCT COVERED:

*USR/CNR Component - Hard Disk Drive, Models DK23EB-XY, DK23FB-XY where X is 01-99, Y is A-Z or blank.

ELECTRICAL RATING:

Voltage: 5 V dc

Current: 0.6 A

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Special Considerations - The following items are considerations that were used when evaluating this product.

USR/CNR indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 60950-00 * UL 60950, Third Edition.

The component was submitted and tested for a maximum manufacturer's recommended ambient (T_{mra}) of 55 °C.

Conditions of Acceptability - When installed in the end-product, consideration shall be given to the following:

1. This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, CSA/UL60950, Third Edition, dated December 1, 2000, Sub-clause 2.10, which would cover the component itself if submitted for Listing.
2. The terminals and connectors are suitable for factory wiring only.
3. The temperature should be checked in the end-use product to ensure that adequate ventilation is provided to prevent overheating of components.
4. *All models covered in this section should be supplied by power from Limited Power Source of end-use product.

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 95688

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Ihr Zeichen *Client Reference*
DK23FB-SAFETY

Unser Zeichen *Our Reference*
ZJ-MIM- 00095687 039

Ausstellungsdatum
11.09.2002

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Hitachi, Ltd.
2880 Kozu
Odawara-shi, Kanagawa 256-8510
Japan

Fertigungsstätte *Manufacturing Plant*
Hitachi, Ltd.
2880 Kozu
Odawara-shi, Kanagawa 256-8510
Japan

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 60950:1991+A1+A2+A3+A4
EN 60950:1992+A1+A2+A3+A4+A11

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Plattenspeicher Disk Storage

Addition

Type Designation : DK23FB-xy 1
x = 01 - 99
y = A - Z or blank

Rated Voltage : DC 5V

Rated Current : 0.6A

1

ANLAGE (Appendix): 1.8

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althoff@de.tuv.com



Zertifizierungsstelle

Dipl.-Ing. W. Nölke

HITACHI

SUPPLIER'S DECLARATION OF CONFORMITY (for C-tick marking)

Declaration of Conformity with Electromagnetic Compatibility Standards
as Required under the Radio communications Act.

We : Hitachi Australia Ltd.
 13-15 Lyonpark Road , North Ryde NSW 2113, Australia

as the representative of

Manufacturer : Hitachi Ltd., Data Storage Systems Division
 2880 Kozu, Odawara-shi, Kanagawa-ken, 256-8510 Japan
 and
 Hitachi Computer Products (Asia) Corp.
 Laguna Technopark, Binan Laguna Philippines

ACN 075 381 332

Supplier Code (if applicable) N155

declare under our sole responsibility that the products:

Product : Hard Disk Drive (2.5 inch)
Models : DK23FB-xy
 x= "01" - "99" , y= blank or "A" - "Z"

to which this declaration relates is in conformity with the following standard(s):

Title	Number	Date of issue
<u>Information technology equipment</u>	<u>AS/NZS 3548 (Class B)</u>	<u>1995</u>
	<u>Amendment 1</u>	<u>1997</u>
	<u>Amendment 2</u>	<u>1997</u>

16 12 '02
(Place, Date)



Peter Steele
Technical Support Manager
Hitachi Australia Ltd.
Tel: 02-9888-4100, Fax: 02-9888-4144

정보통신기기 인증서

Certificate of Information and Communication Equipment

인 증 종 류 전자파적합등록(EMC Registration)
Certification Type

성 명 또 는 상 호 히다찌아시아(홍콩)리미티드
Trade Name or Applicant

기 기 의 명 칭 HDD
Equipment Name

기 기 의 모 델 명 DK23FB-60
Model Number of Equipment

인 증 번 호 E-H011-02-4754 (B)
Certification No

제 조 자 및 제 조 국 가 HITACHI, LTD./일본
Manufacturer and Country
of Origin

인 증 년 월 일 2002년(Year) 11월(Month) 26일(Date)
Date of Certification

기 타
Others

위 기기는 정보통신기기인증규칙에 의해 인증되었음을 증명합니다.

It is certified that foregoing equipment has been certified under the provisions of the Regulations on Certification of Information and Communication Equipment.

2002년(Year) 11월(Month) 26일(Date)

전 파 연 구 소 장

Director General of Radio Research Laboratory
Ministry of Information and Communication
Republic of Korea



정보통신기기 인증서

Certificate of Information and Communication Equipment

인 증 종 류 전자파적합등록(EMC Registration)
Certification Type

성 명 또 는 상 호 히다찌아시아(홍콩)리미티드
Trade Name or Applicant

기 기 의 명 칭 HDD
Equipment Name

기 기 의 모 델 명 DK23FB-60
Model Number of Equipment

인 증 번 호 E-H011-02-4754 (B)
Certification No

제 조 자 및 제 조 국 가 HITACHI, LTD./일본
Manufacturer and Country of Origin

인 증 년 월 일 2002년(Year) 11월(Month) 26일(Date)
Date of Certification

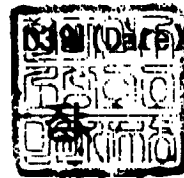
기 타 제조사/국추가:Hitachi Computer Products(Asia)Corporation./필리핀
Others

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.

It is certified that foregoing equipment has been certificated under the provisions of the Regulations on Certification of Information and Communication Equipment.

2002년(Year) 12월(Month)

전 파 연 구 소



*Director General of Radio Research Laboratory
Ministry of Information and Communication
Republic of Korea*



HITACHI

DECLARATION OF CONFORMITY

(for CE marking)

We : Hitachi Ltd.

declare under our sole responsibility that the products:

Product : Hard Disk Drive (2.5 inch)

Models : DK23FB-xy

x= "01" - "99" , y= blank or "A" - "Z"

manufactured by:

Hitachi Ltd.

Data Storage Systems Division

2880 Kozu, Odawara-shi, Kanagawa-ken, 256-8510, Japan

and

Hitachi Computer Products (Asia) Corp.

Laguna Technopark, Binan Laguna Philippines

to which this declaration relates is in conformity with the following standards or other normative documents:

EMC : EN 55 022 :1998 (Class B)

EN 55 024 :1998

(EN 61000-4-3:1996 /A1:1998, EN 61000-4-5 :1995, EN 61000-4-6 :1996)

(EN 61000-4-11:1994)

and therefore conforms with the protection requirements council Directives 89/336/EEC relating to electromagnetic compatibility.

Date:

Dec. , 26 , 2002

Signed:

Reijiro Tsuchiya

Place:

Hitachi Ltd.

Data Storage Systems Division

2880 Kozu, Odawara-shi, Kanagawa-ken,

256-8510, Japan

Reijiro Tsuchiya

Senior Director of Mobile HDD

符合性聲明書
Declaration of Conformity

報驗義務人代碼	編	號
D33082		

本符合性聲明書應依商品檢驗法規定備齊相關技術文件後始得簽具

報驗義務人：新加坡商日立亞洲股份有限公司 臺北分公司

地址：臺北市敦化北路 167 號 4 樓(宏國大樓)

電話：(02)2718-3666 ext.544

商品中(英)文名稱：(中文) 2.5inch 硬碟機

(英文) 2.5inch Hard Disk Drive

商品型式(或型號)：DK23FB-60

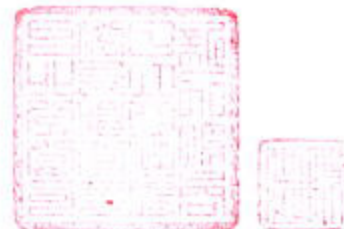
符合之檢驗標準及版次：CNS 13438(6375) 乙類

試驗報告編號：KSD02Y011

試驗室名稱及代號：Tokin EMC Engineering Co.,Ltd.

(SL2-IN-E-6003)

茲聲明上述商品符合商品檢驗法符合性聲明之規定，若因違反本聲明書所
聲明之內容，願意擔負相關法律責任。



報驗義務人：新加坡商日立亞洲股份有限公司 臺北分公司 (簽章)

中華民國九十一年十一月八日