



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-14344

## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Issued by:	KEMA Quality B.V.		
Product:	Circuit-breakers for overcurrent protection (MCB)		
Applicant:	HYUNDAI HEAVY INDUSTRIES CO., LTD	1 CHEONHA-DONG, DONG-GU ULSAN	Korea, Republic of
Manufacturer:	HYUNDAI HEAVY INDUSTRIES CO., LTD	1 CHEONHA-DONG, DONG-GU ULSAN	Korea, Republic of
Factory:	HYUNDAI HEAVY INDUSTRIES CO., LTD	Lianzhong Avenue, Xinba Scientific Technologic Zone, Yangzhong, Jiangsu	China
Rating and principal characteristics:	Ue: 240 / 415 Vac (1P, 1P+N); Ue: 415 Vac (2P, 3P, 3P+N, 4P); In: 1, 2, 3, 4, 5, 6, 10, 13, 15, 16, 20, 25, 32, 40, 50, 63 A Ics=Icn: 6000 A		
Trade mark (if any):	HYUNDAI		
Model/Type reference:	HiBD63		
Additional information:			
Sample of product tested to be in conformity with IEC:	60898-1(ed.1); am1; am2		
Test Report Ref. No:	W0711002.50		

This CB Test Certificate is issued by the National Certification Body:

KEMA Quality B.V.  
Utrechtseweg 310  
P.O. Box 5185  
6802 ED Arnhem  
The Netherlands

Signed by: H.L. Schendstok

Date of issue: 2008-06-02







Test Report issued under the responsibility of



**TEST REPORT**  
**EN 60898-1:2003 and / or IEC 60898-1:2002**  
**Circuit-Breakers for overcurrent protection for**  
**household and similar installations**

**Report Reference No.** .....: W0711002.50

**Tested by (name+signature)**.....: Harry wang *Harry wang*

**Witnessed by (name+signature)**.....: .....

**Supervised by (name+signature)**.....: .....

**Approved by (name+signature)** .....: Eric Wang *[Signature]*

**Date of issue**.....: 29 May 2008

**CB Testing Laboratory** .....: KEMA Quality Testing Services (Zhejiang)Co.,Ltd

**Address**.....: No.5,Changjiang Road Great Bridge Industrial Park North Baixiang  
Wenzhou,Zhejiang,325603 P.R.China

**Testing location/ procedure** .....: CBTL  RMT  SMT  WMT  TMP

**Testing location**.....: KEMA Quality Testing Services (Zhejiang)Co.,Ltd

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**Applicant's name** .....: HYUNDAI HEAVY INDUSTRIES CO.,LTD

**Address**.....: 1 CHEONHA-DONG,DONG-GU ULSAN,KOREA

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**Manufacturer's Name** .....: HYUNDAI HEAVY INDUSTRIES CO.,LTD

**Address**.....: 1 CHEONHA-DONG,DONG-GU ULSAN,KOREA

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**Factory** .....: HYUNDAI HEAVY INDUSTRIES (CHINA) ELECTRIC CO.,LTD

**Address** .....: Lianzhong Avenue,Xinba Scientific Technologic  
Zone,Yangzhong,Jiangsu,P.R. China

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**Test specification:**

**Standard** .....: EN 60898-1: 2003 +A1:2004+A11: 2006  
IEC 60898-1: 2002 + Amd. 1:2002+Amd 2:2003

**Test procedure**.....: CB

**Non-standard test method**.....: N/A

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**Test Report Form No** .....: IECEN60898\_1B

**TRF Originator**.....: KEMA

**Master TRF** .....: 2006-03

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**DECLARATION OF CONFORMITY**



**CTS**

**CENTRE OF TESTING SERVICE  
OPERATE ACCORDING TO ISO/IEC 17025**

**EC DECLARATION OF CONFORMITY**

**EU - ELECTROMAGNETIC COMPATIBILITY DIRECTIVE -**

This declares that the following designated product

**MINIATURE CIRCUIT BREAKER**

**Model No.: HiBD63h Brand Name : HYUNDAI  
HiBD63**

.....  
(Product identification)

Complies with the essential protection requirements of the European Parliament and of the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This declaration applies to all specimens manufactured in accordance with the attached manufacturing drawings which form part of this declaration.

Assessment of compliance of the product with the requirements relating to electromagnetic compatibility was based on the following standards,

Only the EMC part referring of the listed standard EN 60898-1 has been considered.:

**EN 60898 - 1 : 2003 + A1 : 2004 + A11 : 2005**

.....  
(Identification of regulations / standards)

This declaration is the responsibility of the manufacturer / importer

**HYUNDAI HEAVY INDUSTRIES CO., LTD.**

**1, JEONHA-DONG, DONG-GU, ULSAN,**

**KOREA, 682-792**

.....  
(Name / Address)



**THIS DOC IS ONLY VALID IN CONNECTION WITH TEST REPORT NUMBER : CTS070514-00642-E**

**MANUFACTURER / IMPORTER**

**TEST LABORATORY**

This is the result of test, that was carried out from the submitted type-samples of a product in conformity with the specification of the respective standards.

The declaration holder has the right to fix the CE-mark for EMC on the product complying with the inspection sample.

May 14. 2007

.....  
(Date)

.....  
(Company stamp)

June 19, 2007

.....  
(Date)

.....  
(Surname, forename)

.....  
(Company stamp)



**CENTRE OF TESTING SERVICE**

East Suite, 4/F, No. 15 Jiangong Rd., Tianhe software park, Zhongshan Dadao, Guangzhou, China

003910



**CENTRE OF TESTING SERVICE  
INTERNATIONAL**

**OPERATE ACCORDING TO ISO/IEC 17025**

# **EMC TEST REPORT**

**TEST REPORT NUMBER : CTS070514-00642-E**



**CENTRE OF TESTING SERVICE CO., LTD.**  
East Suite, 4/F, No. 15 Jiangong Rd., Tianhe software park, Zhongshan Dadao,  
Guangzhou, China