



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-18929

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

Issued by:	KEMA Quality B.V.		
Product:	MOULDED CASE CIRCUIT BREAKER		
Applicant:	Hyundai Heavy Industries Co. Ltd.	1, Jeonha-Dong, Dong-Ku, Ulsan, 682-792	Korea, Republic of
Manufacturer:	Hyundai Heavy Industries Co. Ltd.	1, Jeonha-Dong, Dong-Ku, Ulsan, 682-792	Korea, Republic of
Factory:	Hyundai Heavy Industries Co. Ltd.	1, Jeonha-Dong, Dong-Ku, Ulsan, 682-792	Korea, Republic of
Rating and principal characteristics:	3 pole MCCB (thermal magnetic) Uimp= 8 kV Ui = 690 Vac Ue = 440 Vac In = 500 A, 630 A, 700 A, 800 A Icu = 85 kA at 440 V Ics = 50 % Icu Rated frequency = 50/60 Hz		
Trade mark (if any):	Hyundai		
Model/Type reference:	UCB 800 L/H/S/R, UCB 700 L/H/S/R, UCB 630 L/H/S/R, UCB 500 L/H/S/R		
Additional information:	-		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4)		
Test Report Ref. No:	2135743.53		

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

# KEMA Quality

a DEKRA company

Signed by: H.R.M. Barends

Date of issue: 2010-08-26



Test Report issued under the responsibility of:

**KEMA Quality**

a DEKRA company

**TEST REPORT**  
**IEC 60947-2**  
**Low-voltage switchgear and controlgear - Part 2: Circuit-breakers**

**Report Reference No.**.....: 2135743.53  
**Date of issue**.....: 2010-08-24  
**Total number of pages** ..... 56

**CB Testing Laboratory**.....: KEMA Quality B.V.  
**Address** .....: Utrechtseweg 310, 6812 AR Arnhem, The Netherlands

**Applicant's name**.....: Hyundai Heavy Industries Co. Ltd.  
**Address** .....: 1, Jeonha-Dong, Dong-Ku, Ulsan, Korea, 682-792

**Test specification:**

**Standard** .....: IEC 60947-2:2006 (4<sup>th</sup> Edition)  
**Test procedure** .....: CB  
**Non-standard test method**.....: N/A

**Test Report Form No.**.....: IEC60947\_2E  
**Test Report Form(s) Originator** .....: KEMA Quality B.V.  
**Master TRF** .....: Dated 2008-12

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**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

**Test item description** .....

**Trade Mark** .....: Hyundai  
**Manufacturer** .....: Hyundai Heavy Industries Co. Ltd.  
**Model/Type reference**.....: UCB 800 L, UCB 800 H, UCB 800 S, UCB 800 R,  
UCB 700 L, UCB 700 H, UCB 700 S, UCB 700 R,  
UCB 630 L, UCB 630 H, UCB 630 S, UCB 630 R,  
UCB 500 L, UCB 500 H, UCB 500 S, UCB 500 R  
**Ratings** .....: In = 500 A, 630 A, 700 A, 800 A



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-21845

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

Issued by:	DEKRA Certification B.V.		
Product:	Moulded-Case Circuit Breaker		
Applicant:	HYUNDAI HEAVY INDUSTRIES CO., LTD	1, JEONHA-DONG, DONG-GU, ULSAN	Korea, Republic of
Manufacturer:	HYUNDAI HEAVY INDUSTRIES CO., LTD	1, JEONHA-DONG, DONG-GU, ULSAN	Korea, Republic of
Factory:	HYUNDAI HEAVY INDUSTRIES CO., LTD	1, JEONHA-DONG, DONG-GU, ULSAN	Korea, Republic of
nb: Additional factory information on page 2			
Rating and principal characteristics:	Ue: 415 V~, In: 800 A, 1000 A, 1250 A Icu: 75 kA, Ics = 50% Icu See annex for further ratings		
Trade mark (if any):	Hyundai		
Model/Type reference:	UCB800S, UCB1000S, UCB1250S		
Additional information:			
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1		
Test Report Ref. No:	3302297.50		

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

DEKRA Certification B.V.  
Utrechtseweg 310  
P.O. Box 5185  
6802 ED Arnhem  
The Netherlands

Signed by: F.S. Strikwerda

Date of issue: 2011-10-11



DEKRA Certification is  
former KEMA Quality