



CB TEST CERTIFICATE

Ref. Certificate No.

NL-17671/M1

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, 682-792 Ulsan,	Korea, Republic of
Manufacturer:	Hyundai Heavy Industries Co. Ltd.	1, Jeonha-Dong, Dong-Ku, 682-792 Ulsan,	Korea, Republic of
Factory:	Hyundai Heavy Industries Co. Ltd.	1, Jeonha-Dong, Dong-Ku, 682-792 Ulsan,	Korea, Republic of
Rating and principal characteristics:	3 pole MCCB (thermal magnetic) $U_{imp} = 8 \text{ kV}$ $U_i = 690 \text{ Vac}$ $U_e = 440 \text{ Vac}$ $I_n = 250 \text{ A}, 300 \text{ A}, 350 \text{ A}, 400 \text{ A}$ $I_{cu} = 85 \text{ kA at } 440 \text{ V; (Type L) } 50 \text{ kA at } 440 \text{ V (Type H), } 35 \text{ kA at } 440 \text{ V (Type S), } 25 \text{ kA at } 440 \text{ V (Type R)}$ $I_{cs} = 50 \% I_{cu}$ Rated frequency = 50/60 Hz		
Trade mark (if any):	HYUNDAI		
Model/Type reference:	UCB 400 L/H/S/R		
Additional information:	including shunt, uvr and auxiliary switch; first issue 2010-02-08, re-issued due to addition of H/S/R ratings.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4)		
Test Report Ref. No:	2126941.50		

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

KEMA Quality

a DEKRA company

Signed by: F.S. Strikwerda

Date of issue: 2010-04-13



Test Report issued under the responsibility of:



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

Report Reference No......: 2126941.50
Date of issue.....: 2010-02-08
Total number of pages: 57

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 (4th Edition)
Test procedure: CB
Non-standard test method.....: N/A

Test Report Form No......: IEC60947_2E
Test Report Form(s) Originator: KEMA
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 400 L/H/S/R
Ratings: In = 250 A, 300 A, 350 A, 400 A