



CB TEST CERTIFICATE

Ref. Certificate No.

NL-14359

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, Korea, Republic of

Manufacturer: Hyundai Heavy Industries co. LTD, 1, Jeonha-Dong, Dong-Ku, Korea, Republic of

Factory: Hyundai Heavy Industries co. LTD, 1, Jeonha-Dong, Dong-Ku, Korea, Republic of

Rating and principal characteristics: 3 pole MCCB (electronic trip unit MOR-63-SO), Category A
Uimp= 8 kV
Ui = 750 Vac
Ue = 440 Vac
In = 400 A, 630 A
Ics = Icu = 150 kA at 440 V (type X), 100 kA at 440 V (type L), 85 kA at 440 V (type H), 65 kA at 440 V (type S)
Rated frequency = 50/60 Hz

Trade mark (if any): HYUNDAI

Model/Type reference: UPB 630 X, UPB 630 L, UPB 630 H, UPB 630 S, UPB 400 X, UPB 400 L, UPB 400 H, UPB 400 S

Additional information: including shunt and auxiliary switch

Sample of product tested to be in conformity with IEC: 60947-2(ed.4)

Test Report Ref. No: 2109600.50

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: F.S.Strikwerda

Date of issue: 2008-06-25



Test Report issued under the responsibility of:



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

Report Reference No.: 2109600.50
Date of issue: 2008-06-26
Total number of pages: 60

CB/CCA 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 60 947-2:2006 (4th Edition) and/or
 EN 60 947-2:2006 (4th Edition)
Test procedure: CB / CCA
Non-standard test method: N/A

Test Report Form No.: IECEN60947_2A
Test Report Form(s) Originator: KEMA
Master TRF: Dated 2007-04

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

Test item description..... :

Trade Mark: Hyundai
Manufacturer: Hyundai Heavy Industries Co. Ltd.
Model/Type reference: UPB 630 X/H/L/S. UPB 400 X/H/L/S
Ratings: 630 A, 400 A