



PRODUCT SERVICE

ETS PRODUCT SERVICE AG

ACCREDITED TEST HOUSE RECOGNIZED CERTIFICATION BODY

CERTIFICATE OF CONFORMITY

EU EMC - DIRECTIVE 2004/108/EC

This certifies that the following designated product

Manual Motor Starter Circuit Breaker

Model No. : HMMS-80K

Brand name: HYUNDAI

.....
(Product identification)

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

This certificate is awarded following tests carried out on samples of the product referred to above.

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

EN 60439-1 :1999

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

This certificate is issued for

HYUNDAI HEAVY INDUSTRIES CO., LTD

1, JEONHA-DONG, DONG-GU

ULSAN, KOREA 682-792

.....
(Name / Address)

THE CERTIFICATION IS VALID ONLY IN ACCORDANCE WITH THE TEST REPORT NR. H4M20708-5699-E-11
THE CONFIRMATION IS VALID ONLY IF THE PRODUCT IS MANUFACTURED IN ACCORDANCE WITH THE TESTREPORT

GS LVD E/e-MARK FCC GSM UMTS CE-MARK SAR CB EMC DECT WLAN Bluetooth R&TTE Notified Body



H4M20708-5699

This is the result of tests carried out on those samples of the product referred to above which were submitted for testing, in accordance with the specification for the respective standards. The certificate holder has the right to fix the ETS PS-MARK which shows the EMC segment onto each individual product in the series to which the inspection sample belongs, provided that the product is manufactured in accordance with the test report.



August 29, 2007

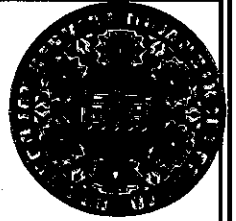
.....
(Date)

Dr. Genz

.....
Dr. Genz

ETS PRODUCT SERVICE AG

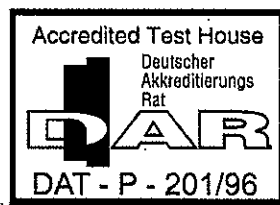
STORKOWER STRASSE 38C, D-15526 REICHENWALDE B. BERLIN, GERMANY, TEL. + 49-33631-888 0 FAX + 49-33631-888 660



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EMC TEST - REPORT

TEST REPORT NUMBER : H4M20708-5699-E-11



Testing laboratory

Location

ETS PRODUCT SERVICE AG
Storkower Str.38c
D- 15526 Reichenwalde
Germany
Telephone : + 49 33631 888-0
Fax : + 49 33631 888-660

Test location, where different

Name : ETS PRODUCT SERVICE (HK) Co.Ltd.
Street : 26/F., Tamson Plaza, 161 Wai Yip Street
Town : Kwung Tong, Kowloon
Country : Hong Kong
Telephone : +852 2389 2200
Fax : +852 2389 3073

Details of applicant

Name : HYUNDAI HEAVY INDUSTRIES CO., LTD
Street : 1, JEONHA-DONG, DONG-GU
Town : ULSAN
Country : KOREA 682-792
Telephone : +82 52 2028453
Fax : +82 52 2028450
Contact : MR. JONG BAE LEE
Telephone : +82 52 2028453

Test item

Description of test item

Description of test item : Manual Motor Starter Circuit Breaker
Brand name : HYUNDAI
Type identification : HMMS-80K
Max. Power rate : 30400VA
Max Voltage/Phase/lines : 380V / 3Phase / 6 lines 230 ~380V AC
Max. current : 80A



Test Standards

EN60439-1 :1999

Registration number: H4M20708-5699-E-11

Electro - Magnetic Compatibility

Test - Result

Reg. no. : H4M20708-5699-E-11
Device : Manual Motor Starter Circuit Breaker
Model no : HMMS-80K
Manufacturer : WEN ZHOU KORLEN ELECTRIC APPLIANCES CO., LTD.
NO.7, ROAD BRANCH YUEQING ECONOMIC & DEVELOPMENT ZONE,
ZHEJIANG, CHINA
Date : 29.08.2007
Performed by : 
Technical responsibility for area of testing : 

Opinion: This device has not any active electronics components and fulfil all Emission requirements and all Immunity requirements according standard EN 60439-1:1999 without further testing.

Registration number: H4M20708-5699-E-11

Manufacturer/ Approval holder Declaration

The following identical model(s):

Belong to the tested device:

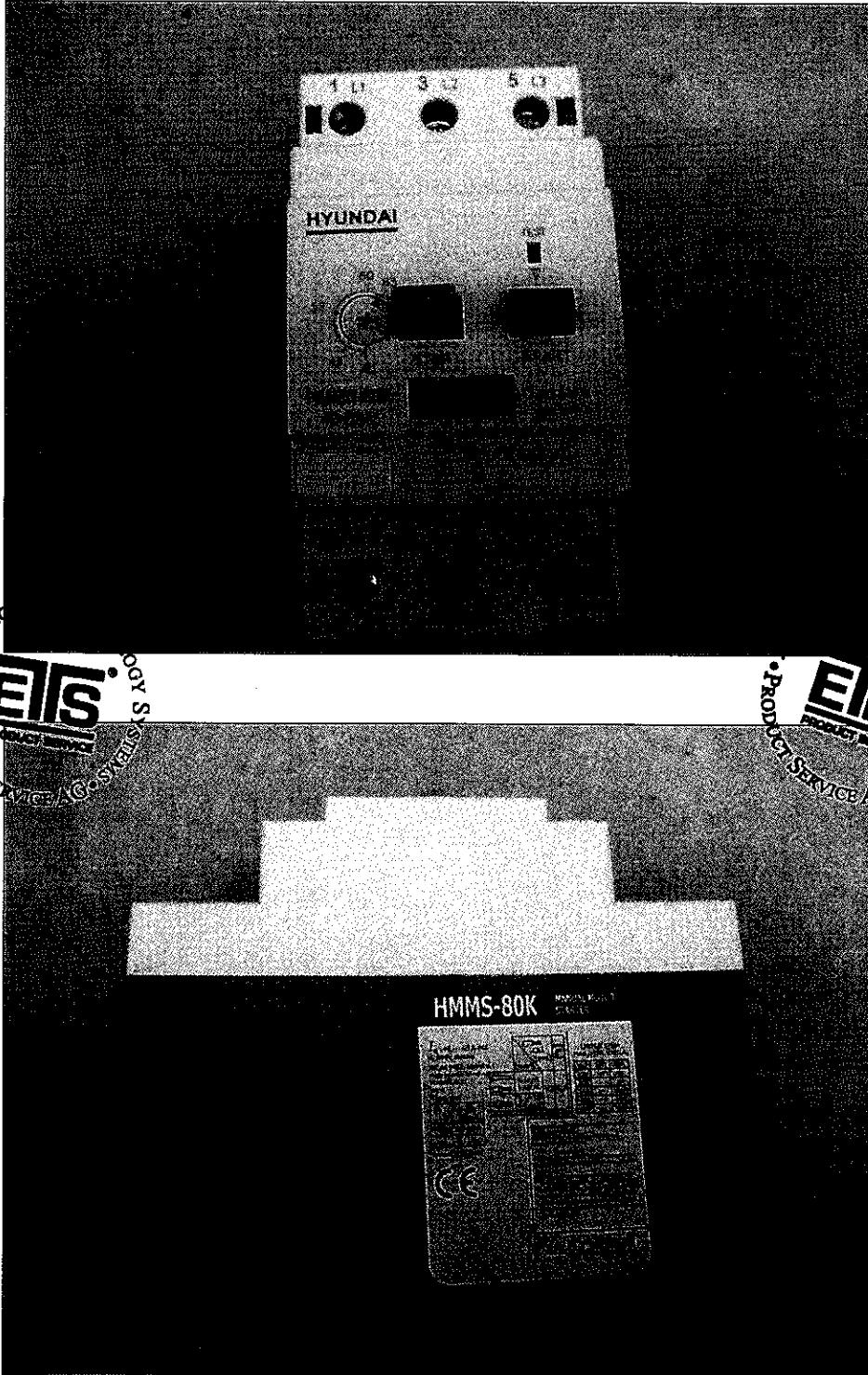
Product description: **Manual Motor Starter Circuit Breaker**
Model name: **HMMS-80K**

No additional models were tested.

Registration number: H4M20708-5699-E-11

Appendix

A. Pictures



REGISTRATION NUMBER: H4M20708-5699-E-11



ETS[®]

PRODUCT SERVICE

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