



NIPPON KAIJI KYOKAI

Certificate No.
TA09252M

Certificate of Type Test

MANUFACTURER: Hyundai Heavy Industries, Co., Ltd., Ulsan, Korea

PRODUCT: Molded-Case Circuit Breaker

TYPE NO.: UCB100H

TYPE TEST NO.: 09T205

PARTICULARS:

Short circuit trip device	Electromagnetic
Over current trip device	Thermal
No. of poles	3
Rated insulation voltage	a.c.690V
Rated operational voltage	a.c.440V
Rated current	15, 20, 30, 40, 50, 60, 75, 100A
Rated frequency	50, 60Hz
Rated Breaking Capacity at a.c.440V	
Rated ultimate short circuit breaking capacity (Icu)	42kA
Rated service short circuit breaking capacity (Ics)	21kA
Making capacity	90kA at a.c.440V
Standards	IEC60947-2 (2006) IEC60947-1 (2007)

DOCUMENTATION: Report No.CB09-013, Drawing No. 1ME-00573

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until the 6th May 2014.

Issued at Tokyo on the 7th May 2009.

T. Narisawa
General Manager
Machinery Department



NIPPON KAIJI KYOKAI

Certificate No.
TA09250M

Certificate of Type Test

MANUFACTURER: Hyundai Heavy Industries, Co., Ltd., Ulsan, Korea

PRODUCT: Molded-Case Circuit Breaker

TYPE NO.: UCB100L

TYPE TEST NO.: 09T203

PARTICULARS:

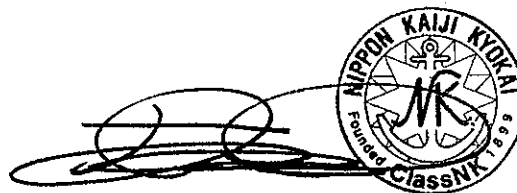
Short circuit trip device	Electromagnetic
Over current trip device	Thermal
No. of poles	3
Rated insulation voltage	a.c.690V
Rated operational voltage	a.c.440V
Rated current	15, 20, 30, 40, 50, 60, 75, 100A
Rated frequency	50, 60Hz
Rated Breaking Capacity at a.c.440V	
Rated ultimate short circuit breaking capacity (Icu)	50kA
Rated service short circuit breaking capacity (Ics)	25kA
Making capacity	105kA at a.c.440V
Standards	IEC60947-2 (2006) IEC60947-1 (2007)

DOCUMENTATION: Report No.CB09-013, Drawing No. 1ME-00573

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T. Narisawa
General Manager
Machinery Department



NIPPON KAIJI KYOKAI

Certificate No.
TA09253M

Certificate of Type Test

MANUFACTURER: Hyundai Heavy Industries, Co., Ltd., Ulsan, Korea

PRODUCT: Molded-Case Circuit Breaker

TYPE NO.: UCB250H

TYPE TEST NO.: 09T206

PARTICULARS:

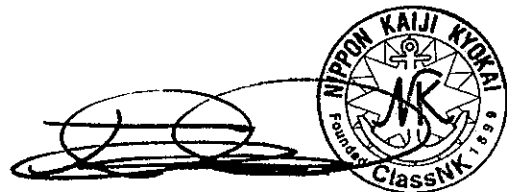
Short circuit trip device	Electromagnetic
Over current trip device	Thermal
No. of poles	3
Rated insulation voltage	a.c.690V
Rated operational voltage	a.c.440V
Rated current	125, 150, 175, 200, 225A
Rated frequency	50, 60Hz
Rated Breaking Capacity at a.c.440V	
Rated ultimate short circuit breaking capacity (Icu)	42kA
Rated service short circuit breaking capacity (Ics)	21kA
Making capacity	90kA at a.c.440V
Standards	IEC60947-2 (2006) IEC60947-1 (2007)

DOCUMENTATION: Report No.CB09-014, Drawing No. 1ME-00579

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General Manager
Machinery Department



NIPPON KAIJI KYOKAI

Certificate No.
TA09251M

Certificate of Type Test

MANUFACTURER: Hyundai Heavy Industries, Co., Ltd., Ulsan, Korea

PRODUCT: Molded-Case Circuit Breaker

TYPE NO.: UCB250L

TYPE TEST NO.: 09T204

PARTICULARS:

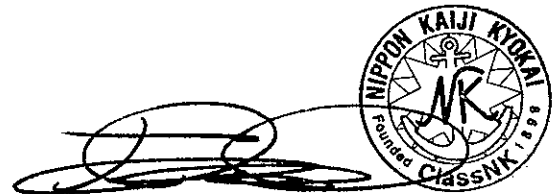
Short circuit trip device	Electromagnetic
Over current trip device	Thermal
No. of poles	3
Rated insulation voltage	a.c.690V
Rated operational voltage	a.c.440V
Rated current	125, 150, 175, 200, 225A
Rated frequency	50, 60Hz
Rated Breaking Capacity at a.c.440V	
Rated ultimate short circuit breaking capacity (Icu)	50kA
Rated service short circuit breaking capacity (Ics)	25kA
Making capacity	105kA at a.c.440V
Standards	IEC60947-2 (2006) IEC60947-1 (2007)

DOCUMENTATION: Report No.CB09-014, Drawing No. 1ME-00579

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