



Date issued: August 10, 2010

CERTIFICATE No.: F690501/SP-SAF000906

CERTIFICATE OF LVD COMPLIANCE

Product submitted : INDUCTION MOTOR, TERMINAL BOX INDUCTION MOTOR,
 REVERSIBLE MOTOR, TERMINAL BOX REVERSIBLE MOTOR.
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003630

Order Number(s) : G-44-2010-01330

Specification Requested ... : EN 60034-1: 2004

Remark

For models difference, see test report, F690501/RF-SAF003630

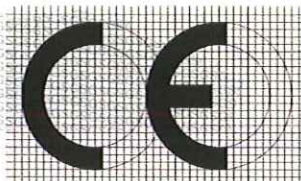
Conclusion

Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

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WonWoo Lee
Manager



Eric Lee
General Manager

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SGS TESTING KOREA CO.,LTD.

18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
t + 82 (0)31 428 5700 f +82 (0) 31 427 2370 Web site : www.electrolab.kr.sgs.com

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Date issued: August 10, 2010

CERTIFICATE No.: F690501/SP-SAF000906

APPENDIX

Model...:	<p>K6I□6NC, K7I□15NC, K8I□25NC, K9I□40NC, K9I□60FC, K9I□90FC, K9I□180FC for INDUCTION MOTOR;</p> <p>K6I□6NC-T, K7I□15NC-T, K8I□25NC-T, K9I□40NC-T, K9I□60FC-T, K9I□90FC-T, K9I□180FC-T, K8I□25NC-T6, K9I□40NC-T6, K9I□60FC-T6, K9I□90FC-T6, K9I□180FC-T6 for TERMINAL BOX INDUCTION MOTOR;</p> <p>K6R□6NC, K7R□15NC, K8R□25NC, K9R□40NC, K9R□60FC, K9R□90FC, K9R□180FC for REVERSIBLE MOTOR;</p> <p>K6R□6NC-T, K7R□15NC-T, K8R□25NC-T, K9R□40NC-T, K9R□60FC-T, K9R□90FC-T, K9R□180FC-T, K8R□25NC-T6, K9R□40NC-T6, K9R□60FC-T6, K9R□90FC-T6, K9R□180FC-T6 for TERMINAL BOX REVERSIBLE MOTOR</p>
Rating...:	<p>6 W, 230 V~, 50 Hz, 0,12 A, 0,6 μF, 1 250 r/min, insulation B, IP20 for K6I□6NC; 15 W, 230 V~, 50 Hz, 0,21 A, 1,0 μF, 1 250 r/min, insulation B, IP20 for K7I□15NC; 25 W, 230 V~, 50 Hz, 0,29 A, 1,5 μF, 1 250 r/min, insulation B, IP20 for K8I□25NC; 40 W, 230 V~, 50 Hz, 0,4 A, 2,5 μF, 1 250 r/min, insulation B, IP20 for K9I□40NC; 60 W, 230 V~, 50 Hz, 0,63 A, 4,0 μF, 1 250 r/min, insulation B, IP20 for K9I□60FC; 90 W, 230 V~, 50 Hz, 0,87 A, 6,0 μF, 1 300 r/min, insulation B, IP20 for K9I□90FC; 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP20 for K9I□180FC;</p> <p>6 W, 230 V~, 50 Hz, 0,12 A, 0,6 μF, 1 250 r/min, insulation B, IP54 for K6I□6NC-T; 15 W, 230 V~, 50 Hz, 0,21 A, 1,0 μF, 1 250 r/min, insulation B, IP54 for K7I□15NC-T; 25 W, 230 V~, 50 Hz, 0,29 A, 1,5 μF, 1 250 r/min, insulation B, IP54 for K8I□25NC-T and K8I□25NC-T6; 40 W, 230 V~, 50 Hz, 0,4 A, 2,5 μF, 1 250 r/min, insulation B, IP54 for K9I□40NC-T and K9I□40NC-T6; 60 W, 230 V~, 50 Hz, 0,63 A, 4,0 μF, 1 250 r/min, insulation B, IP54 for K9I□60FC-T and K9I□60FC-T6; 90 W, 230 V~, 50 Hz, 0,87 A, 6,0 μF, 1 300 r/min, insulation B, IP54 for K9I□90FC-T and K9I□90FC-T6; 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP54 for K9I□180FC-T and K9I□180FC-T6;</p> <p>6 W, 230 V~, 50 Hz, 0,15 A, 0,8 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K6R□6NC, K6R□6NC-T; 15 W, 230 V~, 50 Hz, 0,25 A, 1,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K7R□15NC, K7R□15NC-T; 25 W, 230 V~, 50 Hz, 0,35 A, 2,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K8R□25NC, K8R□25NC-T and K8R□25NC-T6; 40 W, 230 V~, 50 Hz, 0,55 A, 3,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□40NC, K9R□40NC-T and K9R□40NC-T6; 60 W, 230 V~, 50 Hz, 0,77 A, 5,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□60FC, K9R□60FC-T and K9R□60FC-T6; 90 W, 230 V~, 50 Hz, 1,3 A, 7,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□90FC, K9R□90FC-T and K9R□90FC-T6; 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□180FC, K9R□180FC-T and K9R□90FC-T6;</p>

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000944

CERTIFICATE OF LVD COMPLIANCE

Product submitted : MAGNETIC BRAKE MOTOR, TERMINAL BOX BRAKE MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003950

Order Number(s) : G-44-2010-01332

Specification Requested ... : EN 60034-1: 2004

Remark

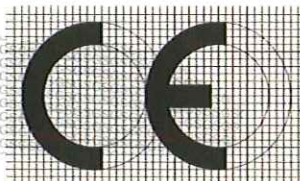
For models difference, see test report, F690501/RF-SAF003950


Conclusion


Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.




 WonWoo Lee
 Manager


 Eric Lee
 General Manager

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SGS TESTING KOREA CO.,LTD.

18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
t + 82 (0)31 428 5700 f +82 (0) 31 427 2370 Web site : www.electrolab.kr.sgs.com

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000944

APPENDIX

Model.....: K6R□6NC-B, K7R□15NC-B, K8R□25NC-B, K9R□40NC-B, K9R□60FC-B, K9R□90FC-B, K9R□180FC-B for MAGNETIC BRAKE MOTOR ;

K9R□40NC-BK, K9R□60FC-BK, K9R□90FC-BK, K9R□180FC-BK for MAGNETIC BRAKE MOTOR ;

K8R□25NC-BA, K9R□40NC-BA, K9R□60FC-BA, K9R□90FC-BA, K9R□180FC-BA for MAGNETIC BRAKE MOTOR;

K6R□6NC-BT, K7R□15NC-BT, K8R□25NC-BT, K9R□40NC-BT, K9R□60FC-BT, K9R□90FC-BT, K9R□180FC-BT for TERMINAL BOX BRAKE MOTOR

Rating.....: 6 W, 230 V~, 50 Hz, 0,15 A, 0,8 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K6R□6NC-B;

15 W, 230 V~, 50 Hz, 0,25 A, 1,5 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K7R□15NC-B;

25 W, 230 V~, 50 Hz, 0,35 A, 2,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K8R□25NC-B;

40 W, 230 V~, 50 Hz, 0,55 A, 3,5 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□40NC-B;

60 W, 230 V~, 50 Hz, 0,77 A, 5,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□60FC-B;

90 W, 230 V~, 50 Hz, 1,3 A, 7,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□90FC-B;

180 W, 230 V~, 50 Hz, 1,7 A, 8,0 µF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□180FC-B;

40 W, 230 V~, 50 Hz, 0,55 A, 3,5 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□40NC-BK;

60 W, 230 V~, 50 Hz, 0,77 A, 5,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□60FC-BK;

90 W, 230 V~, 50 Hz, 1,3 A, 7,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□90FC-BK;

180 W, 230 V~, 50 Hz, 1,7 A, 8,0 µF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□180FC-BK;

25 W, 230 V~, 50 Hz, 0,35 A, 2,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K8R□25NC-BA;

40 W, 230 V~, 50 Hz, 0,55 A, 3,5 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□40NC-BA;

60 W, 230 V~, 50 Hz, 0,77 A, 5,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□60FC-BA;

90 W, 230 V~, 50 Hz, 1,3 A, 7,0 µF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□90FC-BA;

180 W, 230 V~, 50 Hz, 1,7 A, 8,0 µF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□180FC-BA;

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000944

APPENDIX

Rating.....: 6 W, 230 V~, 50 Hz, 0,15 A, 0,8 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K6R□6NC-BT;
15 W, 230 V~, 50 Hz, 0,25 A, 1,5 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K7R□15NC-BT;
25 W, 230 V~, 50 Hz, 0,35 A, 2,0 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K8R□25NC-BT;
40 W, 230 V~, 50 Hz, 0,55 A, 3,5 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K9R□40NC-BT;
60 W, 230 V~, 50 Hz, 0,77 A, 5,0 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K9R□60FC-BT;
90 W, 230 V~, 50 Hz, 1,3 A, 7,0 μ F, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
for K9R□90FC-BT;
180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μ F, 1 300 r/min, insulation B, IP20, duty: 30 min (S2)
for K9R□180FC-BT

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000945

CERTIFICATE OF LVD COMPLIANCE

Product submitted : SPEED CONTROL MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003957

Order Number(s) : G-44-2010-01331

Specification Requested ... : EN 60034-1: 2004

Remark
 For models difference, see test report, F690501/RF-SAF003957

Conclusion
 Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

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 Manager




 Eric Lee
 General Manager

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000945

APPENDIX

Model.....: K6I□6NC-□, K7I□15NC-□, K8I□25NC-□, K9I□40NC-□, K9I□60FC-□, K9I□90FC-□, K9I□180FC-□;
 K6R□6NC-□, K7R□15NC-□, K8R□25NC-□, K9R□40NC-□, K9R□60FC-□, K9R□90FC-□, K9R□180FC-□

Rating.....: 6 W, 230 V~, 50 Hz, 0,12 A, 0,6 μF, 1 250 r/min, insulation B, IP20 for K6I□6NC-□;
 15 W, 230 V~, 50 Hz, 0,21 A, 1,0 μF, 1 250 r/min, insulation B, IP20 for K7I□15NC-□;
 25 W, 230 V~, 50 Hz, 0,29 A, 1,5 μF, 1 250 r/min, insulation B, IP20 for K8I□25NC-□;
 40 W, 230 V~, 50 Hz, 0,4 A, 2,5 μF, 1 250 r/min, insulation B, IP20 for K9I□40NC-□;
 60 W, 230 V~, 50 Hz, 0,63 A, 4,0 μF, 1 250 r/min, insulation B, IP20 for K9I□60FC-□;
 90 W, 230 V~, 50 Hz, 0,87 A, 6,0 μF, 1 300 r/min, insulation B, IP20 for K9I□90FC-□;
 180 W, 230 V~, 50 Hz, 1,6 A, 7,0 μF, 1 300 r/min, insulation B, IP20 for K9I□180FC-□;

6 W, 230 V~, 50 Hz, 0,15 A, 0,8 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K6R□6NC-□;
 15 W, 230 V~, 50 Hz, 0,25 A, 1,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K7R□15NC-□;
 25 W, 230 V~, 50 Hz, 0,35 A, 2,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K8R□25NC-□;
 40 W, 230 V~, 50 Hz, 0,55 A, 3,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□40NC-□;
 60 W, 230 V~, 50 Hz, 0,77 A, 5,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□60FC-□;
 90 W, 230 V~, 50 Hz, 1,3 A, 7,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□90FC-□;
 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□180FC-□;

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000946

CERTIFICATE OF LVD COMPLIANCE

Product submitted : SPEED CONTROL BRAKE MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003963

Order Number(s) : G-44-2010-01332

Specification Requested : EN 60034-1: 2004

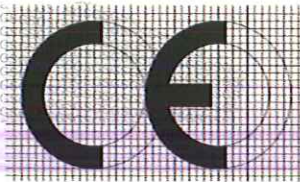
Remark
 For models difference, see test report, F690501/RF-SAF003963

Conclusion
 Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.


 WonWoo Lee
 Manager




 Eric Lee
 General Manager

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000946

APPENDIX

Model.....: K6R□6NC-D, K7R□15NC-D, K8R□25NC-D, K9R□40NC-D, K9R□60FC-D, K9R□90FC-D, K9R□180FC-D

Rating.....: 6 W, 230 V~, 50 Hz, 0,15 A, 0,8 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K6R□6NC-D;
 15 W, 230 V~, 50 Hz, 0,25 A, 1,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K7R□15NC-D;
 25 W, 230 V~, 50 Hz, 0,35 A, 2,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K8R□25NC-D;
 40 W, 230 V~, 50 Hz, 0,55 A, 3,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□40NC-D;
 60 W, 230 V~, 50 Hz, 0,77 A, 5,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□60FC-D;
 90 W, 230 V~, 50 Hz, 1,3 A, 7,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□90FC-D;
 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2) for K9R□180FC-D

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SGSPAPER
09752425





Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000948

CERTIFICATE OF LVD COMPLIANCE

Product submitted : MAGNETIC BRAKE MOTOR, TERMINAL BOX BRAKE MOTOR,
 TERMINAL BOX INDUCTION MOTOR, INDUCTION MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003965

Order Number(s) : G-44-2010-01333

Specification Requested ... : EN 60034-1: 2004

Remark

For models difference, see test report, F690501/RF-SAF003965

Conclusion

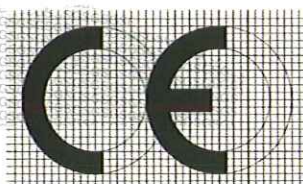
Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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WonWoo Lee
 Manager




Eric Lee
 General Manager

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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000948

APPENDIX

Model.....: K8l□25NH-B, K9l□40NH-B, K9l□60FH-B, K9l□90FH-B, K9l□200FH-B, K8l□25NH-BA, K9l□40NH-BA, K9l□60FH-BA, K9l□90FH-BA, K9l□200FH-BA, K9l□40NH-BK, K9l□60FH-BK, K9l□90FH-BK, K9l□200FH-BK for MAGNETIC BRAKE MOTOR;

K8l□25NH-BT, K9l□40NH-BT, K9l□60FH-BT, K9l□90FH-BT, K9l□200FH-BT for TERMINAL BOX BRAKE MOTOR;

K8l□25NH-T6, K9l□40NH-T6, K9l□60FH-T6, K9l□90FH-T6, K9l□200FH-T6, K8l□25NH-T, K9l□40NH-T, K9l□60FH-T, K9l□90FH-T, K9l□200FH-T for TERMINAL BOX INDUCTION MOTOR;

K8l□25NH, K9l□40NH, K9l□60FH, K9l□90FH, K9l□200FH for INDUCTION MOTOR

Rating.....: 25 W, 0,29 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K8l□25NH-B, K8l□25NH-BA, K8l□25NH-BT and K8l□25NH;

40 W, 0,41 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9l□40NH-B, K9l□40NH-BA, K9l□40NH-BK, K9l□40NH-BT and K9l□40NH;

60 W, 0,6 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9l□60FH-B, K9l□60FH-BA, K9l□60FH-BK, K9l□60FH-BT and K9l□60FH;

90 W, 0,86 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9l□90FH-B, K9l□90FH-BA, K9l□90FH-BK, K9l□90FH-BT and K9l□90FH;

200 W, 1,51 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9l□200FH-B, K9l□200FH-BA, K9l□200FH-BK, K9l□200FH-BT and K9l□200FH;

25 W, 0,29 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K8l□25NH-T6 and K8l□25NH-T;

40 W, 0,41 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9l□40NH-T6 and K9l□40NH-T;

60 W, 0,6 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9l□60FH-T6 and K9l□60FH-T;

90 W, 0,86 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9l□90FH-T6 and K9l□90FH-T;

200 W, 1,51 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9l□200FH-T6 and K9l□200FH-T

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09752602





Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000954

CERTIFICATE OF LVD COMPLIANCE

Product submitted : MAGNETIC BRAKE MOTOR, TERMINAL BOX BRAKE MOTOR,
 TERMINAL BOX INDUCTION MOTOR, INDUCTION MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003977

Order Number(s) : G-44-2010-01333


Specification Requested ... : EN 60034-1: 2004

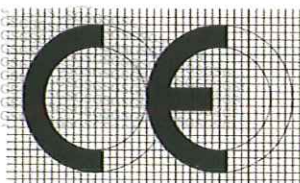
Remark
 For models difference, see test report, F690501/RF-SAF003977

Conclusion
 Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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 WonWoo Lee
 Manager




 Eric Lee
 General Manager

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18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
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Date issued: December 17, 2010

CERTIFICATE No.: F690501/SP-SAF000954

APPENDIX

Model.....: K8I□25NV-B, K9I□40NV-B, K9I□60FV-B, K9I□90FV-B, K9I□200FV-B, K8I□25NV-BA, K9I□40NV-BA, K9I□60FV-BA, K9I□90FV-BA, K9I□200FV-BA, K9I□40NV-BK, K9I□60FV-BK, K9I□90FV-BK, K9I□200FV-BK for MAGNETIC BRAKE MOTOR;
K8I□25NV-BT, K9I□40NV-BT, K9I□60FV-BT, K9I□90FV-BT, K9I□200FV-BT for TERMINAL BOX BRAKE MOTOR;
K8I□25NV-T6, K9I□40NV-T6, K9I□60FV-T6, K9I□90FV-T6, K9I□200FV-T6, K8I□25NV-T, K9I□40NV-T, K9I□60FV-T, K9I□90FV-T, K9I□200FV-T for TERMINAL BOX INDUCTION MOTOR;
K8I□25NV, K9I□40NV, K9I□60FV, K9I□90FV, K9I□200FV for INDUCTION MOTOR

Rating.....: 25 W, 0,17A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K8I□25NV-B, K8I□25NV-BA, K8I□25NV-BT and K8I□25NV;
40 W, 0,18 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9I□40NV-B, K9I□40NV-BA, K9I□40NV-BK, K9I□40NV-BT and K9I□40NV;
60 W, 0,37 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9I□60FV-B, K9I□60FV-BA, K9I□60FV-BK, K9I□60FV-BT and , K9I□60FV;
90 W, 0,52 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9I□90FV-B, K9I□90FV-BA, K9I□90FV-BK, K9I□90FV-BT and K9I□90FV;
200 W, 0,91 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP20 for K9I□200FV-B, K9I□200FV-BA, K9I□200FV-BK, K9I□200FV-BT and K9I□200FV;
25 W, 0,17 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K8I□25NV-T6 and K8I□25NV-T;
40 W, 0,18 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□40NV-T6 and K9I□40NV-T;
60 W, 0,37 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□60FV-T6 and K9I□60FV-T;
90 W, 0,52 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□90FV-T6 and K9I□90FV-T;
200 W, 0,91 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□200FV-T6 and K9I□200FV-T

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Date issued: December 1, 2011

CERTIFICATE No.: F690501/SP-SAF001109

CERTIFICATE OF LVD COMPLIANCE

Product submitted: TERMINAL BOX INDUCTION MOTOR, TERMINAL BOX REVERSIBLE MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant: GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer: GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory: SGS Korea Co., Ltd.

Test Report Number(s): F690501/RF-SAF004694

Order Number(s): G-44-2011-03162

Specification Requested: EN 60034-1: 2004

Remark

Conclusion

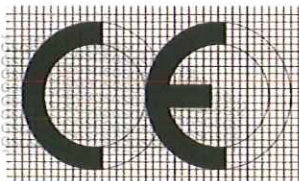
Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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WonWoo Lee
Manager




Eric Lee
General Manager

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(Gunpo Laboratory),

18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
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09752619





APPENDIX

Model...: K8I□25NC-T5, K9I□40NC-T5, K9I□60FC-T5, K9I□90FC-T5, K9I□180FC-T5
 for TERMINAL BOX INDUCTION MOTOR;
 K8R□25NC-T5, K9R□40NC-T5, K9R□60FC-T5, K9R□90FC-T5, K9R□180FC-T5,
 for TERMINAL BOX REVERSIBLE MOTOR

Rating...: 25 W, 230 V~, 50 Hz, 0,29 A, 1,5 μF, 1 250 r/min, insulation B, IP54 for K8I□25NC-T5;
 40 W, 230 V~, 50 Hz, 0,4 A, 2,5 μF, 1 250 r/min, insulation B, IP54 for K9I□40NC-T5;
 60 W, 230 V~, 50 Hz, 0,63 A, 4,0 μF, 1 250 r/min, insulation B, IP54 for K9I□60FC-T5;
 90 W, 230 V~, 50 Hz, 0,87 A, 6,0 μF, 1 300 r/min, insulation B, IP54 for K9I□90FC-T5;
 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP54 for K9I□180FC-T5;

25 W, 230 V~, 50 Hz, 0,35 A, 2,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K8R□25NC-T5;
 40 W, 230 V~, 50 Hz, 0,55 A, 3,5 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□40NC-T5;
 60 W, 230 V~, 50 Hz, 0,77 A, 5,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□60FC-T5;
 90 W, 230 V~, 50 Hz, 1,3 A, 7,0 μF, 1 250 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□90FC-T5;
 180 W, 230 V~, 50 Hz, 1,7 A, 8,0 μF, 1 300 r/min, insulation B, IP20, duty: 30 min (S2)
 for K9R□180FC-T5;

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SGS

Date issued: November 2, 2012

CERTIFICATE No.: F690501/SP-SAF001269

CERTIFICATE OF LVD COMPLIANCE

Product submitted : BLDC Motor
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3 Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 327-3 Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Korea Co., Ltd. (Gunpo Laboratory)

Test Report Number(s) : F690501/RF-SAF005472

Order Number(s) : G-44-2011-01307

Specification Requested : EN 60034-1: 2004

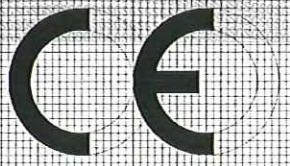
Remark

Conclusion

Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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Eric Lee
General Manager

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APPENDIX

Model...: K1B20NC, K1B240NC, K1B290NC

Rating...: 20 W; 0,28 A; 315 Vd.c.; 2 000 r/min; insulation B; IP65
40 W; 0,38 A; 315 Vd.c.; 2 000 r/min; insulation B; IP65
90 W; 0,65 A; 315 Vd.c.; 2 000 r/min; insulation B; IP65;

①	②	③
FLANGE SIZE	SHAFT	OUTPUT
6 : 60x60	S: STRAIGHT	20
	D: D-CUT TYPE	
	K : KEY TYPE	
	G: PINION GENERAL	
	P : PINION POWERFUL	
8 : 80x80	H: HIGH STRENGTH	40
	S	
	D	
	K	
	G	
9 : 90x90	P	90
	H	
	S	
	D	
	K	
	G	
	P	
	H	



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SGS

Date issued: December 1, 2011

CERTIFICATE No.: F690501/SP-SAF001110

CERTIFICATE OF LVD COMPLIANCE

Product submitted : TERMINAL BOX INDUCTION MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF004695

Order Number(s) : G-44-2011-03164

Specification Requested ... : EN 60034-1: 2004

Remark

Conclusion

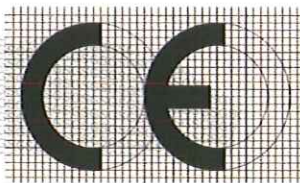
Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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WonWoo Lee
Manager




Eric Lee
General Manager

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SGSPAPER
09752620





APPENDIX

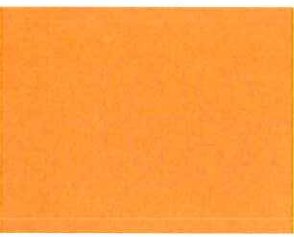
Model....:

K8I□25NH-T5, K9I□40NH-T5, K9I□60FH-T5, K9I□90FH-T5, K9I□200FH-T5

Rating....:

25 W, 0,29 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K8I□25NH-T5;
40 W, 0,41 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□40NH-T5;
60 W, 0,6 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□60FH-T5;
90 W, 0,86 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□90FH-T5;
200 W, 1,51 A, 230 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□200FH-T5;

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09752614





SGS

Date issued: December 1, 2011

CERTIFICATE No.: F690501/SP-SAF001111

CERTIFICATE OF LVD COMPLIANCE

Product submitted : TERMINAL BOX INDUCTION MOTOR
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF004696

Order Number(s) : G-44-2011-03165

Specification Requested ... : EN 60034-1: 2004


Remark

Conclusion

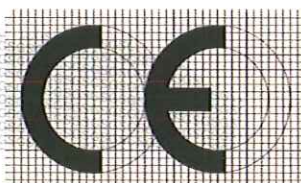

Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.



WonWoo Lee
Manager

Eric Lee
General Manager

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SGS KOREA CO., Ltd.
(Gurpo Laboratory).

18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
t + 82 (0)31 428 5700 f +82 (0) 31 427 2370 Web site : www.ee.sgs.com/korea

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graphic design: aster reyer; paper printed by wolf; layout: security printing; file: svzcertind



Date issued: December 1, 2011

CERTIFICATE No.: F690501/SP-SAF001111

APPENDIX

Model...: K8I□25NV-T5, K9I□40NV-T5, K9I□60FV-T5, K9I□90FV-T5, K9I□200FV-T5

Rating...: 25 W, 0,17 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K8I□25NV-T5;
40 W, 0,18 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□40NV-T5;
60 W, 0,37 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□60FV-T5;
90 W, 0,52 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□90FV-T5;
200 W, 0,91 A, 400 V 3~, 50 Hz, 1 350 r/min, insulation B, IP54 for K9I□200FV-T5;

graphic design and/or paper printed by oval (swiss security printing ltd switzerland)

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09752618





Date issued: December 30, 2010

CERTIFICATE No.: F690501/SP-SAF000974

CERTIFICATE OF LVD COMPLIANCE

Product submitted : Motor controller
 Model: See APPENDIX
 Rating: See APPENDIX

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer..... : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF004074

Order Number(s)..... : G-44-2010-01336

Specification Requested : EN 61800-5-1: 2007

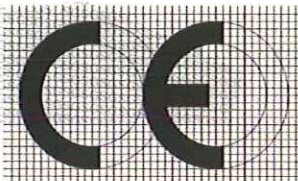
Remark
 For models difference, see test report, F690501/RF-SAF004074

Conclusion
 Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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WonWoo Lee
Manager



Eric Lee
General Manager

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SGS TESTING KOREA CO.,LTD. 18-34, Sanbon-dong, Gunpo-si, Kyongki-do, Korea 435-041
 t + 82 (0)31 428 5700 f +82 (0) 31 427 2370 Web site : www.electrolab.kr.sgs.com

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09752430



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Date issued: December 30, 2010

CERTIFICATE No.: F690501/SP-SAF000974

APPENDIX

Model.....: GUA-C-6A, GUA-C-15A, GUA-C-25A, GUA-C-40A, GUA-C-60A, GUA-C-90A, GUA-C-180A, GUA-C-A

Rating.....: 6 W, 230 V~, 50 Hz, 0,2 A for GUA-C-6A;
15 W, 230 V~, 50 Hz, 0,3 A for GUA-C-15A;
25 W, 230 V~, 50 Hz, 0,4 A for GUA-C-25A;
40 W, 230 V~, 50 Hz, 0,6 A for GUA-C-40A;
60 W, 230 V~, 50 Hz, 1,0 A for GUA-C-60A;
90 W, 230 V~, 50 Hz, 1,2 A for GUA-C-90A;
180 W, 230 V~, 50 Hz, 2,4 A for GUA-C-180A;
230 V~, 50 Hz, Max. 2,4 A for GUA-C-A;

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SGSPAPER
09752432





Date issued: October 6, 2010

CERTIFICATE No.: F690501/SP-SAF000932

CERTIFICATE OF LVD COMPLIANCE

Product submitted : INDUCTION MOTOR
 Model: K9I□90FC-2P
 Rating: 90 W, 230 V~, 50 Hz, 0,8 A, 6,5 μF, 2 700 r/min, insulation B, IP20

Applicant : GGM CO., LTD.
 327-3, Songnae-Dong, Sosa-Gu, Buchun-Si, Gyunggi-Do, Korea 422-040

Manufacturer : GGM CO., LTD.
 272-11, Dodang-Dong, Wonmi-Gu, Buchun-Si, Gyunggi-Do, Korea 420-808

Testing Laboratory : SGS Testing Korea Co., Ltd.

Test Report Number(s) : F690501/RF-SAF003888

Order Number(s) : G-44-2010-01687

Specification Requested ... : EN 60034-1: 2004

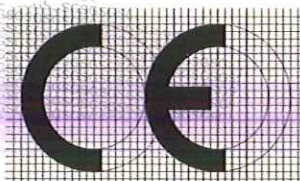
Remark
 For models difference, see test report, F690501/RF-SAF003888

Conclusion
 Based on a review of the test report, this apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/95/EC

This certificate is only valid for the equipment submitted and configuration described, in conjunction with the test data detailed above. It does not permit the use of the SGS PRODUCT CERTIFICATION MARK.

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WonWoo Lee
Manager



Eric Lee
General Manager

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