

Approved : *Koji Todo*
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No.	Test item	Test conditions	Conditions of Acceptability	Result
1	Line conduction	(1) Rated input AC200V, 230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. FCC Part15 classA, VCCI classA CISPR22 classA, EN55022-A EN55011-A	OK
2	Radiated emission	(1) Rated input AC200V, 230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. FCC Part15 classA, VCCI classA EN55022-A	OK
3	Harmonic current (EN61000-3-2)	(1) Rated input AC230V (2) Load 20% - Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. EN61000-3-2 classA	OK
4	Static electricity immunity test (EN61000-4-2)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Contact discharge voltage 8kV (Level 4)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK
5	Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Testing field strength (Level 3) ① 10V/m (80MHz to 1.0GHz) ② 3V/m (1.4GHz to 2.0GHz) ③ 1V/m (2.0GHz to 2.7GHz)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK
6	Electrical fast transient/ Burst immunity test (EN61000-4-4)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Test peak voltage 4kV (Level 4)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK
7	Surge immunity test (EN61000-4-5)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Test voltage Line to line 2kV (Level 3) Line to earth 4kV (Level 4)	(1) The power supply is not stop (2) Circuit does not malfunction. (3) No abnormality of the insulation destruction etc. (4) Parts are no damaged.	OK
8	Immunity to conducted disturbances, induced by radio-frequency fields (EN61000-4-6)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Voltage level (e.m.f.) 10V (Level 3)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK
9	Power frequency magnetic field immunity test (EN61000-4-8)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Magnetic field strength 30A/m (Level 4)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK
10	Voltage dips, short interruptions and voltage variations immunity test (EN61000-4-11)	(1) Rated input AC230V -30% reduction at 500ms min. -60% reduction at 200ms min (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure.	OK