

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE 3)
	OPERATING HUMIDITY RANGE	40% TO 80%(NOTE 2)	STORAGE HUMIDITY RANGE	40% TO 70%(NOTE 3)
	VOLTAGE	250 V AC	CURRENT	AWG20 TO 24 : 3 A
				AWG26 : 2 A
			AWG28 : 1 A	

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ELECTRIC CHARACTERISTICS

INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	-
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-

MECHANICAL CHARACTERISTICS

VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

REMARKS

NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.

NOTE2:NO CONDENSING.

NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBBOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.

Unless otherwise specified, refer to JIS C 5402.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△				
		APPROVED	TY.OMA	06.01.12
		CHECKED	HK.UMEHARA	06.01.12
		DESIGNED	NS.HIROSE	06.01.11
		DRAWN	AK.MIURA	06.01.06

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-081024-01
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HRS	SPECIFICATION SHEET	PART NO.	DF1BA-5EP-2. 5RC
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541-0703-7-00
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