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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	— °C TO — °C	STORAGE TEMPERATURE RANGE	— °C TO — °C
	VOLTAGE	350 V AC , 490 V DC	OPERATING HUMIDITY RANGE	— °C TO — °C
	CURRENT	—	APPLICABLE CABLE	—

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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.	5000 MΩ MIN.	X	X
VOLTAGE PROOF	1250 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s^2 DIRECTION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 25 → 85 → 25 °C. TIME 30 → 10～15 → 30 → 10～15min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40℃ , 90～95 % , 96 h.	1) INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). 1000 MΩ MIN (AT DRY). 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	HO. MIWA	06. 07. 26
CHECKED	HO. MIWA	06. 07. 26
DESIGNED	YH. ENAMI	06. 07. 26
DRAWN	YH. ENAMI	06. 07. 26

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-009358-01

HRS

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.

PART NO. CDE-9S(05)

CODE NO. CL211-0207-9-05 A 1/1

FORM HD0011-2-1