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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	① -55 °C TO 65 °C	STORAGE TEMPERATURE RANGE ② -55 °C TO 60 °C
	VOLTAGE	—	OPERATING HUMIDITY RANGE — % TO — %
	CURRENT	—	APPLICABLE CABLE INSULATION: Φ7mm MAX

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.		X	X

MECHANICAL CHARACTERISTICS

VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	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 → 5~35 → 65 → 5~35 °C. TIME 30 → 2~ 3 → 30 → 2~ 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—

① THE OPERATION TEMPERATURE INCLUDES THE TEMPERATURE RISE BY CURRENT CARRYING.

② STORAGE TEMPERATURE RANGE SHOWS STORAGE CONDITION FOR UNUSED PRODUCTS INCLUDING PACKING MATERIALS. FOLLOW THE OPERATING TEMPERATURE RANGE FOR STORAGE CONDITION AFTER ASSEMBLING.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARK	APPROVED	RI. TAKAYASU	12.08.29
	CHECKED	EJ. WAKATSUKI	12.08.29
	DESIGNED	TS. ITO	12.08.29
	DRAWN	TS. ITO	12.08.29

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-029821-01
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HRS	SPECIFICATION SHEET	PART NO.	HDE-CTF1 (4-40) (50)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL211-0933-0-50	△ 1/1