

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE		-55 °C TO 85 °C ⁽¹⁾	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C ⁽²⁾	
	VOLTAGE		250 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	CURRENT		3 A	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽²⁾	
				APPLICABLE CABLE (AWG SIZE)	AWG22 TO 36	
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.		1000 MΩ MIN.		x —
VOLTAGE PROOF		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		x —
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.		① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x —
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65→+15~+35→+125→+15~+35°C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.				x —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
△						
REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.				APPROVED	HS. OKAWA	12. 05. 24
				CHECKED	HT. YAMAGUCHI	12. 05. 24
				DESIGNED	KJ. NISHIWAKI	12. 05. 24
Unless otherwise specified, refer to MIL-STD-202.				DRAWN	CR. TAKESHIMA	12. 05. 24
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-018777-01	
HRS	SPECIFICATION SHEET		PART NO.	A1-10D-2. 54C		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL619-0091-0-00 △ 1/1		