

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C ⁽¹⁾	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C ⁽²⁾	
	OPERATING HUMIDITY RANGE	40 % TO 80 %	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽²⁾	
	VOLTAGE	200 V AC	APPLICABLE CABLE	AWG #26 TO #36	
	CURRENT	2 A	INSULATION	—	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING		CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE		500 V DC	1000 MΩ MIN.	×	—
VOLTAGE PROOF		650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
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 AND LOOSENESS OF PARTS.	×	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → +15 TO +35 → +85 → +15 TO +35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
①					
REMARK			APPROVED	HS. OKAWA	15.06.08
(1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.			CHECKED	HT. YAMAGUCHI	15.06.08
(2) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.			DESIGNED	MT. ITANO	15.06.08
Unless otherwise specified, refer to MIL-STD-1344.			DRAWN	MT. ITANO	15.06.08
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-083001-00-00
HRS	SPECIFICATION SHEET		PART NO.	A4B-16S-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL622-0310-4-00	① 1/1