



APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	1 -55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	2 -55 °C TO 85 °C	
	VOLTAGE	AC 300 , DC 420 V	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	3 A	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					
CONTACT RESISTANCE		1 A MAX (DC OR 1000 Hz).	7 mΩ MAX.	X	X
INSULATION RESISTANCE		500 V DC.	1000 MΩ MIN.	X	X
VOLTAGE PROOF		1000 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X
MECHANICAL CHARACTERISTICS					
INSERTION AND MITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR	INSERTION FORCE 93.1 N MAX	X	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.	1)CONTACT RESISTANCE : 10 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, 98 m/s ² AT 4 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS	X	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65 → 5 ~ 35 → 125 → 5 ~ 35 °C TIME 30 → 2 ~ 3 → 30 → 2 ~ 3 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 25 ~ 65 °C, 90 ~ 98 %RH, 240 h.	1)INSULATION RESISTANCE (AT HIGH HUMIDITY) 1 MΩ MIN. (AT DRY) 1000 MΩ MIN. 2)NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—
<div>1 ① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES. ② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.</div> <div>2 PACKING MATERIAL IS NOT INCLUDED.</div>					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
Q					
REMARK Unless otherwise specified, refer to JIS C 5402.			APPROVED	HO.MIWA	07.11.02
			CHECKED	YH.ENAMI	07.11.02
			DESIGNED	MT.ITANO	07.11.02
			DRAWN	MT.ITANO	07.11.02
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-007719-01	
	SPECIFICATION SHEET		PART NO.	PD-1634BA(09)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL216-0394-0-09	 1/1