

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	
CONSTRUCTION					
General Examination		Visually and by measuring instrument.		According to drawing.	
Marking		Confirmed visually.			
ELECTRIC CHARACTERISTICS					
Insulation Resistance		500 V DC.		5000 MΩ min.	
Voltage Proof		1250 V AC for 1 min.		No flashover or breakdown.	
MECHANICAL CHARACTERISTICS					
Vibration		Frequency 10 to 55 Hz Single amplitude 0.75 mm, at 2h, for 3 directions.		1) No electrical discontinuity of 10 μ s. 2) No damage, crack and looseness of parts.	
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 6 directions.			
ENVIRONMENTAL CHARACTERISTICS					
Rapid Change of Temperature		Temperature -55 → 5 to 35 → 85 → 5 to 35 °C. Time 30 → 10 to 15 → 30 → 10 to 15min. Under 5 cycles.		No damage, crack and looseness of parts.	
Damp Heat (Steady State)		Exposed at 40°C , 90 to 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.	
Corrosion Salt Mist		Exposed in 5% salt water spray for 48h.		No heavy corrosion.	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0					
REMARK			APPROVED	NM. NISHIMATSU	17. 05. 30
			CHECKED	NM. NISHIMATSU	17. 05. 30
			DESIGNED	MO. SHIMOYAMA	17. 05. 29
			DRAWN	JY. IGA	17. 05. 29
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-022471-05-00
HRS	SPECIFICATION SHEET		PART NO.	CDA-15PF (05)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL211-0601-0-05	1/1