




APPLICABLE STANDARD					
Rating	Operating Temperature Range	-55°C to +85°C	Storage Temperature Range	— °C to — °C	
	Voltage	350 V AC / 490 V DC	Operating humidity range	— % to — %	
	Current	—	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					
Insulation Resistance		500 V DC.		5000 MΩ min.	X X
Voltage Proof		1250 V AC for 1 min.		No flashover or breakdown.	X X
MECHANICAL CHARACTERISTICS					
Vibration		Frequency 10 to 55 Hz, Single amplitude 0.75 mm, At 2 h, for 3 directions.		No damage, crack and looseness of parts.	X —
Shock		Acceleration 490 m/s ² . Duration of pulse 11 ms at 3 times in 3 both axial directions.			X —
ENVIRONMENTAL CHARACTERISTICS					
Rapid Change of Temperature		Temperature -55 → 15 to 35 → 85 → 15 to 35 °C Time 30 → 2 to 3 → 30 → 2 to 3 min. Under 5 cycles.		No damage, crack and looseness of parts.	X —
Damp Heat (Steady State)		Exposed at 40°C, 90 to 95%, 96h.		1) Insulation resistance: 10MΩ min (at high humidity). 1000MΩ min (at dry). 2) No damage, crack and looseness of parts.	X —
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
Note Unless otherwise specified, refer to IEC 60512.			APPROVED	RI.TAKAYASU	20181011
			CHECKED	AH.KODAMA	20181011
			DESIGNED	YS.SAKODA	20181011
			DRAWN	KIM JAEHYEON	20181011
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC-010056-05-00	
	SPECIFICATION SHEET		PART NO.	CDA-15S(05)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL211-0280-9-05	 1/1