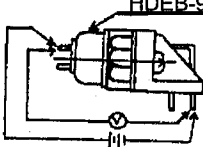


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△	2	DIS-E-000411	T.I	H.M	05.11.25	△			
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-55°C TO 85°C △			STORAGE TEMPERATURE RANGE	-55°C TO 85°C △			
	VOLTAGE	350 V AC , 490 V DC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	3 A			APPLICABLE CABLE				
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○
MARKING		CONFIRMED VISUALLY.						○	○
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz). 1			25 mΩ MAX.			○	○
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, 1 mA (DC OR 1000 Hz). 1						○	—
INSULATION RESISTANCE		500 V DC.			5000 MΩ MIN.			○	○
VOLTAGE PROOF		1250 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		φ 1.041 MAX φ 0.991 MIN BY STEEL GAUGE.			INSERTION FORCE 3.33 N MAX. EXTRACTION FORCE 0.28 N MIN.			○	—
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 30.3 N MAX. EXTRACTION FORCE 19.6 N MAX.			○	—
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. 1			① CONTACT RESISTANCE: 25 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	—
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±2→5~35→85±3→5~35 °C TIME 30 →5MAX→ 30 →5MAX min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90~95 %, 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 48 h.			NO HEAVY CORROSION.			○	—
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.			NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.			○	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.			MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.			○	—
REMARKS		NOTE. 1 MEASUREMENT POINT OF CONTACT RESISTANCE			DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					T.Kameya 03.7.31	T.Kameya 03.7.31	Y.Enami 03.8.4	H.Miwa 03.8.5	
Unless otherwise specified, refer to JIS C 5402.									
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. RDED-9S-LNA(55)				
CODE NO.(OLD) CL		DRAWING NO. ELC4-020686-02			CODE NO. CL211-0314-9-55			1/1	