

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-10 °C TO +60 °C			STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C			
	VOLTAGE		AC 30 V , DC 42 V			APPLICABLE CABLE		φ 4±0.2			
	CURRENT		3 A								
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		CONTACT SHALL BE MEASURED AT DC 1 A				30 mΩ MAX.				x	—
INSULATION RESISTANCE		100 V DC.				1000 MΩ MIN.				x	—
VOLTAGE PROOF		150 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				x	—
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.57 <sup>0</sup> -0.003 BY STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.				x	—
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR. LOCKING DEVICE WITH LOOK.				INSERTION AND WITHDRAWAL FORCES : 4.9 TO 49 N.				x	—
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 60 mΩ MAX.				x	—
VIBRATION		FREQUENCY 10 TO 55 Hz. SINGLE AMPLITUDE 0.75 mm. — m/s <sup>2</sup> AT 2h.FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTION				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.				① INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). ② INSULATION RESISTANCE:100 MΩ MIN (AT DRY). NO DAMAGE,CRACK AND LOOSENESS OF PARTS.				x	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ R/T→ +85 → R/T °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES. ( R/T:ROOM TEMPERATURE )				① INSULATION RESISTANCE: 100 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	—
DRY HEAT		EXPOSED AT + 85 °C , 96 h.				NO DAMAGE,CRACK AND LOOSENESS OF PARTS.				x	—
COLD		EXPOSED AT - 55 °C , 96 h.				NO DAMAGE,CRACK AND LOOSENESS OF PARTS.				x	—
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
						E.Yumino 06.01.26	Y. Yamada 06.01.27	T. Abijama 06.01.27	M. Sato 06.01.27		
Unless otherwise specified, refer to JIS C 5042.											
Note QT:Qualification Test AT:Assurance Test O:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. RP34-8SP-3SCD(71)		
CODE NO.(OLD)		DRAWING NO.		CODE NO.						1 1	
CL		ELC4-045690-71		CL113-5061-7-71							