

APPLICABLE STANDARD					
Rating	Operating Temperature Range	- °C to - °C	Storage Temperature Range	- °C to - °C	
	Voltage	-	Operating Humidity Range	- °C to - °C	
	Current	3 A	Applicable Cable	AWG #24-20 Jacket Diameter Φ 1.50-1.90	
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		100 mA (DC or 1000 Hz).		25 mΩ max.	X X
MECHANICAL CHARACTERISTICS					
Contact Insertion And Extraction Forces		Max ϕ 1.041 by steel gauge. Min ϕ 0.991		Insertion force 3.3 N max. Extraction force 0.3 N min.	X -
Mechanical Operation		500 times insertions and extractions.		1) Contac resistance: 25 mΩ max. 2) No damage, crack and looseness of parts.	X -
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.	X -
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 6 directions.			
ENVIRONMENTAL CHARACTERISTICS					
Corrosion Salt Mist		Exposed in 5 % salt water spray for 48 h.		No heavy corrosion.	X -
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
①					
REMARK				APPROVED	NM. NISHIMATSU 16. 11. 25
				CHECKED	NM. NISHIMATSU 16. 11. 25
				DESIGNED	MO. SHIMOYAMA 16. 11. 25
				DRAWN	JY. IGA 16. 11. 25
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-009356-00-00
HRS	SPECIFICATION SHEET		PART NO.	CD-SC-111	
HIROSE ELECTRIC CO., LTD.			CODE NO.	CL211-0205-3-00	△ 1/1