

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	① -55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	② -55 °C TO 85 °C	
	VOLTAGE	—	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	3 A	APPLICABLE CABLE	AWG# 24 ~ 28 , ϕ 0.9 ~ ϕ 1.6	
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		1 A MAX (DC OR 1000 Hz).		7 mΩ MAX.	X X
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		MAX ϕ1.05 MIN ϕ0.99 BY STEEL GAUGE		INSERTION FORCE 4.9 N MAX. EXTRACTION FORCE 0.28 N MIN.	X —
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.		1)CONTACT RESISTANCE : 10 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
VIBRATION		FREQUENCY 10 TO 500 Hz, SINGLE AMPLITUDE 0.75mm, 98 m/s ² AT 4 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			
ENVIRONMENTAL CHARACTERISTICS					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	X —
<div style="margin-top: 100px;"> <p>① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES.</p> <p>② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.</p> <p>② PACKING MATERIAL IS NOT INCLUDED.</p> </div>					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	YH.ENAMI	08.01.17
			CHECKED	KI.NAGANUMA	08.01.17
			DESIGNED	TS.ITO	08.01.17
			DRAWN	YK.SATO	08.01.08
Unless otherwise specified, refer to JIS C 5402, MIL-STD-202.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-007335-01
HRS	SPECIFICATION SHEET		PART NO.	SC-1600-211	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL216-0365-1-00	△ 1/1