

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-15 °C TO +60 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C	
	VOLTAGE	AC — V , DC — V	—	—	
	CURRENT	2 A	APPLICABLE CABLE	AWG #26~#30 (INSULATION DIA ϕ1 MAX)	
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		10 mΩ MAX.	X —
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND WITHDRAWAL FORCES		ϕ0.53±0.003 BY STEEL GAUGE.		INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.	X —
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.		CONTACT RESISTANCE: 15 mΩ MAX.	X —
TENSILE STRENGTH (CRIMPED CONNECTION)		CRIMPED ONLY CONDUCTOR OF THE APPLICABLE WIRE AND PULLING THE APPLICABLE WIRE.		(7/ϕ0.1)AWG #30: 10 N MIN. (7/ϕ0.12)AWG #28: 16 N MIN. (7/ϕ0.16)AWG #26: 24 N MIN.	X —
ENVIRONMENTAL CHARACTERISTICS					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION RUIN THE FUNCTION.	X —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	EJ. KUNII	15.10.02
			CHECKED	EJ. KUNII	15.10.02
			DESIGNED	SJ. SHIMIZU	15.10.01
			DRAWN	SJ. SHIMIZU	15.10.01
Unless otherwise specified, refer to IEC60512 (JIS C 5402) .					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-022995-00-00
HRS		SPECIFICATION SHEET		PART NO.	HR12-SC-113
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL112-0412-6-00 △ 1/1