APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE		-35 °C TO +105°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)
	OPERATING HUMIDITY RANGE		20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)
	APPLICABLE CONNECTOR		DF62B-24EP-2.2C(##)	VOLTAGE	AC/DC 250V
	UL・C-UL RATING	VOLTAGE	250 V AC/DC △2	CURRENT	AWG 22 : 2.5A AWG 24 : 2A AWG 26-30 : 1A
		CURRENT	AWG 22 : 3A AWG 24 : 2A AWG 26-30 : 1A		
		OPERATING TEMPERATURE RANGE	-35 °C TO +75°C (NOTE1)	APPLICABLE CONTACT	DF62-22SC* DF62-2428SC* DF62-30SC*

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	20mV MAX, 1mA (DC or 1000Hz).	30 mΩ MAX.	X	−
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	−
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	−
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.	①CONTACT RESISTANCE: 30 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	−
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.	①NO ELECTRICAL DISCONTINUITY OF 1μs. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	−
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES EACH FOR 3 BOTH AXIAL DIRECTIONS.	①NO ELECTRICAL DISCONTINUITY OF 1μs. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	−
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2℃ , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)	①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 1000 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	−
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55℃→ +85℃ TIME 30min→ 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2-3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)	①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 1000 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	−

REMARKS
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.
NOTE 2:NO CONDENSING
NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△2	1	DIS-H-00019309	RI.GENDA	SZ.ONO	20231023

REMARKS			
Unless otherwise specified, refer to IEC 60512.	APPROVED	KI.AKIYAMA	20130911
	CHECKED	OM.MIYAMOTO	20130911
	DESIGNED	TH.YOSHIZAWA	20130911
	DRAWN	MI.SAKIMURA	20130906

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

HRS	SPECIFICATION SHEET	DRAWING NO.	ELC-348670-11-01	
		PART NO.	DF62B-24S-2.2C(11)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0544-0539-4-11 △2	1/1

FORM HD0011-2-1