

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 		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 1μ s. 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 1μ s. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
ENVIRONMENTAL CHARACTERISTICS								
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2°C , 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°C→ +85°C 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
	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				DRAWING NO.		ELC-348670-11-01		
	SPECIFICATION SHEET			PART NO.		DF62B-24S-2.2C (11)		
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL0544-0539-4-11		 1/1