

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		APPLICABLE CONTACT	DF62-22SC* DF62-2428SC* DF62-30SC*		
	OPERATING TEMPERATURE RANGE		-35 °C TO +75°C (NOTE1)					
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								
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.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.			NO 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.			NO 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.)			①INSULATION RESISTANCE: 1000 MΩ MIN. ②NO 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.)			①INSULATION RESISTANCE: 1000 MΩ MIN. ②NO 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 JIS C 5402.					APPROVED	KI. AKIYAMA		20130917
					CHECKED	OM. MIYAMOTO		20130913
					DESIGNED	TH. YOSHIZAWA		20130913
					DRAWN	MI. SAKIMURA		20130910
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWING NO.		ELC-348676-18-02	
	SPECIFICATION SHEET				PART NO.	DF62C-24S-2. 2C (18)		
	HIROSE ELECTRIC CO., LTD.				CODE NO.	CL0544-0541-6-18		 1/1