

APPLICABLE STANDARD								
RATING	OPERATING TEMPERATURE RANGE		-35°C TO +85°C (NOTE 1)		STORAGE TEMPERATURE RANGE	-10°C TO +60°C (NOTE 3)		
	OPERATING HUMIDITY RANGE		40% TO 80% (NOTE 2)		STORAGE HUMIDITY RANGE	40% TO 70% (NOTE 3)		
	VOLTAGE		500V AC/DC		APPLICABLE CONNECTOR	DF33C-*DS-3. 3C		
	CURRENT	AWG 20	5A					
		AWG 22	4A					
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		500V DC.			1000MΩ MIN.		X	—
VOLTAGE PROOF		1500V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.		X	—
MECHANICAL CHARACTERISTICS								
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLE FOR EACH, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.					X	—
ENVIRONMENTAL CHARACTERISTICS								
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: 500MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→+85°C TIME 30→ 30min. UNDER 5 CYCLES. THE TRANSFERRING TIME OF THE TANK IS 2~3 min.			① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
REMARKS NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE 2:NO CONDENSING NOTE 3:APPLY TO THE CONDITION OF LONGTERM 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		
Unless otherwise specifid , refer to JIS C 5402.					APPROVED	KI. AKIYAMA	13. 12. 18	
					CHECKED	HK. UMEHARA	13. 12. 18	
					DESIGNED	HT. SATO	13. 12. 18	
					DRAWN	MI. SAKIMURA	13. 12. 18	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-355981-00		
	SPECIFICATION SHEET			PART NO.	DF33C-*RDS-3. 3			
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL676-		1/1	