

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	250 V AC		APPLICABLE CONNECTORS	DF1B- * ES-2.5RC(#)
	CURRENT	AWG20 TO 24 : 3 A AWG26 : 2 A AWG28 : 1 A AWG30 : 0.5 A		UL·CSA RATING VOLTAGE CURRENT	AC 30V AWG20-22 : 3A AWG24-28 : 1A AWG30 : 0.5A
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE		500 V DC.		1000 MΩ MIN.	
VOLTAGE PROOF		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→85→ 5 TO 35°C TIME 30→10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.		① INSULATION RESISTANCE:1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
REMARKS					
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.					
NOTE2:NO CONDENSING.					
NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBBOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.					
Unless otherwise specified, refer to JIS C 5402.					
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED
△	1	DIS-H-005021		HT. SATO	HK. UMEHARA
△ format change.				APPROVED	KJ. KATAYOSE
				CHECKED	TY. OMA
				DESIGNED	TS. KUMAZAWA
				DRAWN	TS. KUMAZAWA
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO. ELC4-160055-01	
HRS	SPECIFICATION SHEET		PART NO. DF1B-*EP-2. 5RC		
	HIROSE ELECTRIC CO., LTD.		CODE NO. CL541		
					△ 1/1