

APPLICABLE STANDARD		SPECIFICATIONS							
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-*EP-2.5RC				
	CURRENT	AWG20 TO 24 : 3 A AWG26 : 2 A AWG28 : 1 A AWG30 : 0.5 A							
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									
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -				
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 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.		① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -				
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.		X -				
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	DATE				
0									
				APPROVED	TY.OMA				
				CHECKED	HK.UMEHARA				
				DESIGNED	AH.MIYAZAKI				
				DRAWN	AK.MIURA				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-162335-02				
HRS	SPECIFICATION SHEET		PART NO.	DF1B-*ES-2.5RC					
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541	△ 1/1				