

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10°C TO +60 °C		
	VOLTAGE	250 V AC		APPLICABLE CONTACT	DF1E-*S-2.5RC		
	CURRENT	AWG20—22	3A		DF1E-*EP-2.5C		
		AWG24—28	1A				
		AWG30	0.5A				
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							
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm.		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							
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35 →+85→5 TO35°C TIME 30 →10 TO 15 →30 →10 TO 15min UNDER 5 CYCLES.		① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 500 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
REMARKS							
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.							
Unless otherwise specified, refer to JIS C 5402.							
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED		CHECKED	DATE	
△							
				APPROVED	TS. SAKATA	08. 05. 15	
				CHECKED	TS. KUMAZAWA	08. 05. 15	
				DESIGNED	TH. YOSHI ZAWA	08. 05. 15	
				DRAWN	TH. YOSHI ZAWA	08. 05. 15	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-161948-01		
HRS	SPECIFICATION SHEET		PART NO.		DF1E-*RS/P-2. 5		
	HIROSE ELECTRIC CO., LTD.		CODE NO.		CL541		△ 1/1