

APPLICABLE STANDARD								
RATING	OPERATING TEMPERATURE RANGE	-30°C TO 85°C (NOTE1)			STORAGE TEMPERATURE RANGE	-10°C TO 60°C (NOTE3)		
	OPERATING HUMIDITY RANGE	40% TO 80% (NOTE2)			STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)		
	VOLTAGE	AC 250 V	UL • CSA RATING	AC 30 V	APPLICABLE CABLE	UL1061, 1007 AWG22 TO 28		
	CURRENT	2 A		2 A	APPLICABLE CONTACT	DF11-22SC* DF11-2428SC* DF11-30SC*		
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 INSERTIONS AND EXTRACTIONS.			NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
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 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: 500 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5TO35→ 85→ 5TO35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.			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 LONG TERM STORAGE FOR UNUSED PRODUCTSBEFORE PCB ON BOARD,AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.								
Unless otherwise specified, refer to JIS C 5402.								
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE
				APPROVED	TS. SAKATA	08. 12. 24		
				CHECKED	TS. KUMAZAWA	08. 12. 24		
				DESIGNED	KT. ISHII	08. 12. 22		
				DRAWN	KT. ISHII	08. 12. 22		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-020801-01		
	SPECIFICATION SHEET			PART NO.		DF11-12DS-2C		
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL543-0505-6-00	1/1	