

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE		-40°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	APPLICABLE CABLE	UL1061 : AWG22 TO 30 UL1007 : AWG24 TO 30
	CURRENT		2 A		
	UL·CSA RATING	VOLTAGE	AC 30 V	APPLICABLE CONTACT	DF11-22SC* DF11-2428SC* DF11-30SC*
CURRENT		2 A			
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 IEC 60512.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	6	DIS-H-008583	MI. SAKIMURA	HK. UMEHARA	14. 03. 25
				APPROVED	KJ. KATAYOSE
				CHECKED	TY. OMA
				DESIGNED	IO. DENPOUYA
				DRAWN	IO. DENPOUYA
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-160997-00
	SPECIFICATION SHEET		PART NO.	DF11-*DS-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-	1/1