

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	
	CURRENT	2 A		UL1007 : AWG24 TO 30	
	UL·CSA RATING	VOLTAGE	AC 30 V	APPLICABLE CONTACT	DF11-22SC*
CURRENT		2 A	DF11-2428SC*		
DF11-30SC*					

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### 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 <sup>2</sup> 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 → 5 TO 35 → 85 → 5 TO 35 °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 PRODUCTS BEFORE 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	05.01.05
	CHECKED	TY. OMA	05.01.05
	DESIGNED	IO. DENPOUYA	05.01.05
	DRAWN	IO. DENPOUYA	05.01.05

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-160997-00
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	SPECIFICATION SHEET	PART NO.	DF11-*DS-2C
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL543-  1/1