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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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	K.J. KATAYOSE	05. 01. 05
				CHECKED	TY. OMA	05. 01. 05
				DESIGNED	I.O. DENPOUYA	05. 01. 05
				DRAWN	I.O. DENPOUYA	05. 01. 05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-160997-00	
HRS	SPECIFICATION SHEET		PART NO.	DF11-*DS-2C		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-	⚠	1/1