

DESCRIPTION OF REVISIONS		BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS		BY	CHKD	DATE
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APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	- 3 0 °C TO + 8 5 °C (NOTE1)			STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C
	VOLTAGE	250 V AC	UL-CSA	30 V AC		
	CURRENT	2 A	RATING	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		
ELECTRICAL CHARACTERISTICS							
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		30 mΩ MAX.	x	—		
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.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	x	—		
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	x	—		
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	x	—		
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	x	—		
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3→5 TO 35→85±2→5 TO 35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	x	—		
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 250 °C, FOR IMMERSION, DURATION, 5 s.		NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS.	x	—		
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230 °C FOR IN IMMERSION, DURATION, 3 s.		SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSSED.	x	—		
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.			DRAWN S. Ono 07.09.13	DESIGNED S. Ono 07.09.13	CHECKED T. Miyazaki 04.09.13	APPROVED T. Miyazaki 04.09.13	RELEASED
Unless otherwise specified, refer to IEC 60512.							
Note QT: Qualification Test AT: Assurance Test x: Applicable Test							
HRS HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET		PART NO. DF11E-22DP-2DSA (14)		
CODE NO.(OLD) CL	DRAWING NO. ELC4-160067-01		CODE NO. CL543-0760-3-14		1/1		