

TO

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: 1000MΩ 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 IMMersed.			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		