

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C	
	VOLTAGE	250 V AC		APPLICABLE CONTACT	DF1B- * P-2.5DS(A) DF1BA- * EP-2.5RC	
	CURRENT	AWG20-22	3A			
		AWG24-28	1A			
AWG30		0.5A				

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	650V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	x	-
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	x	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.	① 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				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → +85 → 5~35 °C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	x	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	x	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.	<i>Y. Inoue</i>	<i>Y. Inoue</i>	<i>T. Miyazaki</i>	<i>K. Katayama</i>	
Unless otherwise specified, refer to MIL-STD-1344.	'00.9.14	'00.9.14	'00.9.14	'00.9.18	

Note QT:Qualification Test AT:Assurance Test x:Applicable Test					
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DF1B- * S-2.5R	
CODE NO.(OLD)	DRAWING NO.	PART NO.			
CL	ELC4-160017	CL541		1/1	

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