

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-35°C TO + 85°C (NOTE 1)		STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 3)	
	OPERATING HUMIDITY RANGE	20 % TO 80 % (NOTE 2)		STORAGE HUMIDITY RANGE	40 % TO 70 % (NOTE 3)	
	VOLTAGE	AC/DC 100V		APPLICABLE CONNECTOR	DF50-30DP-1V DF50-30DP-1H	
	CURRENT	AWG 28 : 1.0 A AWG 30 : 0.9 A AWG 32 : 0.7 A		APPLICABLE CONTACT	DF50-2830SCFA DF50-3032SCFA	
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	100V DC.		500MΩ MIN.		X	-
VOLTAGE PROOF	300V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	-
MECHANICAL CHARACTERISTICS						
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR EACH, 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: 100MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→+85°C TIME 30→ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min)		① INSULATION RESISTANCE: 500MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
REMARKS						
NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE 2: NON-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 JIS C 5402.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△						
				APPROVED	KI. AKIYAMA	11.11.24
				CHECKED	OM. MIYAMOTO	11.11.24
				DESIGNED	TT. OHSAKO	11.11.21
				DRAWN	TT. OHSAKO	11.11.21
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-339823-00	
HRS	SPECIFICATION SHEET		PART NO.	DF50S-30DS-1C		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL665-0021-5-00		△ 1/1

