



APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +105°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	APPLICABLE CONNECTOR 	DF59-4S-2V(**) DF59-2S-6V(*)	CURRENT		3A
			VOLTAGE	SPECIFICATION	AC/DC 230V
		UL/C-UL		 AC/DC 29.9V	
			TÜV	TBD	



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	500V DC.	1000MΩ MIN.	X	-
VOLTAGE PROOF	650V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75mm, AT 10CYCLES FOR 3DIRECTION.	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. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)	①INSULATION RESISTANCE: 1000MΩ MIN. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55°C→ +85°C TIME 30min→ 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2-3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)		X	-


NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

NOTE2:NO CONDENSING

NOTE3: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 STRAGE DURING TRANSPORTATION.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 3	DIS-H-00001651	TS. KUMAZAWA	TS. FUKUSHIMA	16.05.23
REMARKS Unless otherwise specified, refer to IEC60512. 		APPROVED	KI. AKIYAMA	11.01.12
		CHECKED	SZ. ONO	11.01.12
		DESIGNED	KT. ISHII	11.01.12
		DRAWN	KT. ISHII	11.01.12

Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-331128-01

HRS	SPECIFICATION SHEET	PART NO.	DF59-4P-2C	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL667-0013-0-00	 1/1