

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)
	VOLTAGE	50 V AC/DC	APPLICABLE CONNECTOR	DF65-3P-1.7V(##)
	CURRENT	AWG24 : 4.0A	INSULATION DIAMETER	AWG24 TO 28: ϕ 0.7~1.15 mm
			APPLICABLE CONTACT	DF65-2428SCF

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ELECTRIC CHARACTERISTICS

INSULATION RESISTANCE	100 V DC.	100 M Ω MIN.	X	—
VOLTAGE PROOF	500 V 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 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.	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 \pm 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)	① INSULATION RESISTANCE: 100 M Ω MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55°C \rightarrow +85°C TIME 30min \rightarrow 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)	① INSULATION RESISTANCE: 100 M Ω MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—

NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

NOTE2:NO CONDENSING

NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARKS	APPROVED	KI. AKIYAMA	13. 12. 20
	CHECKED	OM. MIYAMOTO	13. 12. 20
	DESIGNED	TT. OHSAKO	13. 12. 20
	DRAWN	TT. OHSAKO	13. 12. 20

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-351453-00
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HRS	SPECIFICATION SHEET	PART NO.	DF65-3S-1.7C
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL666-6005-8-00 Δ 1/1