

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°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	UL · C-UL RATING △	VOLTAGE	29 V AC/DC
	CURRENT	AWG#26 : 3.0A AWG#28 : 2.5A AWG#30 : 1.5A AWG#32 : 1.0A AWG#34 : 0.8A		CURRENT	AWG#26 : 3.0A AWG#28 : 2.5A
	APPLICABLE CONNECTOR	DF57H-2P-1.2V(##)		OPERATING TEMPERATURE RANGE	-35 °C TO +75°C (NOTE1)
APPLICABLE CONTACT	DF57-****SCF(A)(##)				
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.		X	X
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE		100 V DC.		100 MΩ 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 ± 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)		① INSULATION RESISTANCE: 100 MΩ MIN. ② NO 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.)		① INSULATION RESISTANCE: 100 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
REMARKS NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE 2: NO CONDENSING. NOTE 3: APPLY TO THE PACKAGED AND UNUSED PRODUCT.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1	1	DIS-H-00013960	HK. HAYASHI	SZ. ONO	20220616
Unless otherwise specified, refer to IEC 60512.				APPROVED	KI. AKIYAMA
				CHECKED	TS. FUKUSHIMA
				DESIGNED	TS. KUMAZAWA
				DRAWN	TS. KUMAZAWA
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-362936-00-00
HRS	SPECIFICATION SHEET		PART NO.	DF57AH-2S-1. 2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0666-0112-0-00	△ 1/1