





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		DF62B-24S-2.2C(##) DF62C-24S-2.2C(##)		Voltage	AC/DC 250V		
	UL・C-UL Rating 	Voltage	250 V AC/DC		Current	AWG 22 : 2.5A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin		
		Current	AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin					
	Operating Temperature range		-35 °C TO +75°C (NOTE1)		Applicable contact	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*		
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		650 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 each for 3 both axial directions.			No damage, crack or looseness of parts.		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: 1000 MΩ 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.)			①Insulation resistance: 1000 MΩ MIN. ②No damage, crack or looseness of parts.		X	—
Note 1: Include the temperature rising by current. Note 2: No condensing Note 3: Apply to the condition of long term storage for unused products before inserting terminal. After inserting terminal, operating temperature and humidity range is applied for interim storage during transportation.								
	Count	Description of revisions		Designed		Checked		Date
	1	DIS-H-00019433		RI. GENDA		SZ. ONO		20231121
Remarks Unless otherwise specified, refer to IEC 60512.				Approved		KI. AKIYAMA		20140606
				Checked		TS. FUKUSHIMA		20140606
				Designed		TS. KUMAZAWA		20140606
				Drawn		TS. KUMAZAWA		20140606
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				Drawing No.		ELC-348671-00-00		
	Specification sheet			Part No.		DF62B-24EP-2. 2C		
	HIROSE ELECTRIC CO., LTD.			Code No.		CL0544-0540-3-00		 1/1