

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	DF62C-9S-2.2C(##)	Voltage	AC/DC 250V	
	UL·C-UL Rating	Voltage	250 V AC/DC	Current	AWG 22 : 3A/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.)	1)Insulation resistance: 1000 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: 1000 MΩ MIN. 2)No damage, crack or looseness of parts.	X	—	
Note 1: Include the temperature rising by current. Note 2: No condensing Note 3: Applicable to unused product packaging.					
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	Count	Description of revisions	Designed	Checked	Date
	0				
Remarks Unless otherwise specified, refer to IEC 60512.			Approved	SJ. OKAMURA	20240918
			Checked	SZ. ONO	20240918
			Designed	RI. GENDA	20240917
			Drawn	RI. GENDA	20240917
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-406409-00-00	
HRS	Specification sheet		Part No.	DF62B-9EP-2. 2C	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-0623-0-00	△ 2/1