Applicabl	e standard						
тррпоаві	Operating Temperature range Operating Humidity range		-35 °c to +85°c (Note1)	Storage Temperature range	-10 °c to +60°c (N	lote3)	
Rating			40% to 80% (Note2)	Storage Humidity range	40% to 70% (Note3)	
	Voltage		AC/DC 250V	Applicable cable	UL1007 : AWG20 to 22		
	Current		AWG20 : 5A/pin AWG22 : 3A/pin	Applicable connector	DF1BA-*(D)EP-2.5RC DF1B-*(D)EP-2.5RC		
	•		Specifica	tions			
I	Item		Test method	Re	Requirements		AT
Construct	ion					-	
General exa	General examination		and by measuring instrument.	According to drawi	According to drawing.		Х
Marking		Confirme	ed visually.				Х
Electric o	haracterist	ics					
Contact resistance		100 mA (E	OC OR 1000Hz).	30 mΩ MAX.	30 mΩ MAX.		
Mechani	cal charact	eristics					1
Mechanical operation		30 times in	nsertion and extraction.	,	 Contact resistance: 30 mΩ MAX. No damage, crack or looseness of parts. 		
Vibration		Frequency	/ 10 to 55 Hz, single amplitude	No electrical discor	1) No electrical discontinuity of 1 μ s. 2) No damage, crack or looseness of parts.		
			at 2h, for 3 directions.				
			duration of pulse 11 ms at 3 times for 3 direct	ctions.		X	_
Environm	ental charac					X	
Damp heat (steady state)		Exposed at 40 ± 2°C , 90 to 95 %, 96 h.		′	 Contact resistance: 30 mΩ MAX. No damage, crack or looseness of parts. 		_
Rapid change of temperature		Temperature -55 \rightarrow 5 to 35 \rightarrow +85 \rightarrow 5 to 35 $^{\circ}$ C Time 30 \rightarrow 5 \rightarrow 30 \rightarrow 5min Under 5 cycles.					_
Note2: No cor	e the temperature ndensing. to the packaged a		٨	1		-1	I

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C	ount	Description of revisions	Designed		Checked	
/3\	2	DIS-H-00017601	JN. TONAI		SZ. ONO	20230324
Unless	otherv	wise specified, refer to IEC 60512.		Approved	KJ. KATAYOSE	20050105
				Checked	TY. OMA	20050105
				Designed	TS. KUMAZAWA	20050105
				Drawn	TS. KUMAZAWA	20050105
Note Q	T:Qua	lification test AT:Assurance test X:applicable test	Drawin	g No.	ELC-020432-	-00-00
ЖS		Specification sheet	Part No.	DF1B-2022PC		
		Hirose electric co., Ltd.	Code No.	CL0541-0260-8-00		<i>∱</i> 3 1/1