	Operating Temperature range Operating Humidity range Voltage Current		-35 °c to +85°c (Note1)	Storage Temperature range	-10 °c to +60°c	(Note3)	
Rating			40% to 80% (Note2) Storage Humidity range		40% to 70% (Note3		
			AC/DC 250V	Applicable cable	UL1007,1061 : AWG20 to 22		2
			AWG20 : 5A/pin AWG22 : 3A/pin			DF1BA-*(D)EP-2.5RC DF1B-*(D)EP-2.5RC	
	1		Specifica	tions			
-	tem	Test method		Requirements		QT	АТ
Construct	ion			<b>'</b>	•		
General examination		Visually and by measuring instrument.		According to drawing.		X	Х
Marking		Confirmed visually.				X	Х
Electric o	haracterist	ics					
Contact resistance		100 mA (DC OR 1000Hz).		30 mΩ MAX.		X	_
Mechani	cal charact	eristics					
Mechanical operation		30 times insertion and extraction.		<ol> <li>Contact resistance: 30 m Ω MAX.</li> <li>No damage, crack or looseness of parts.</li> </ol>		X	_
/ibration		Frequency 10 to 55 Hz, single amplitude		1) No electrical discontinuity of 1 $\mu$ s.		Х	<u> </u>
			at 2h, for 3 directions.	, , ,	or looseness of parts.		
Shock 49 Environmental characte		490 m/s <sup>2</sup> duration of pulse 11 ms at 3 times for 3 directions		ctions.		X	_
	ental charac			T		1 37	
Damp heat (steady state)		Exposed at 40 ± 2°C , 90 to 95 %, 96 h.		<ol> <li>Contact resistance: 30 m Ω MAX.</li> <li>No damage, crack or looseness of parts.</li> </ol>		X	_
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.				X	_
Note2: No co	e the temperature ndensing. to the packaged a		٨				



	Count	Description of revisions	Designed		Checked	Date	
$\sqrt{2}$	2	DIS-H-00017601	JN. TONAI		SZ. ONO	20230324	
Unl	ess othe	rwise specified, refer to IEC 60512.		Approved	TY. OMA	20060418	
					HK. UMEHARA	20060418	
					NS. HIROSE	20060413	
				Drawn	AK. MIURA	20060411	
Note	e QT:Qu	alification test AT:Assurance test X:applicable test	Drawing	g No.	ELC-020431-00-01		
HS.		Specification sheet	Part No.	DF1B-2022PCF			
		Hirose electric co., Ltd.	Code No.	CL0541-0259-9-00		<u>^</u> 1/1	