- F F	e standard										
Operating temperature range			-55 °C to +105°C (Note1)			Storage temperature range		-10 °C to +60°C (Note3)			
Rating	Operating humidity range		20% to 8	Storag	ge			0% to 70% (Note3)			
	Applicable cor		DF63#-*EP-3.96C			humidity range Voltage					
	Applicable cable					Current			AC/DC 630V		
	Insulation diameter		UL1007 AWG 16 to 18					AWG 16 : 15A			
	Insulation diar	neter	φ2.1 to φ3.2mm				AWG		AWG 18 : 13/	3 18 : 13A	
		Rat	ed Voltage	Rated Cur	rent	0	vervoltage C	Category	IP-De	gree	
UL,C-UL		600V AC/DC		See above		-		-			
ΤÜV		300V AC/DC			See above		-		IP00		
				Specifica	ations						
	em		Test met	thod			Re	quirements	;	QT	AT
Construction						1					
General examination		Visually and by measuring instrument.				According to drawing.				Х	Х
Marking		Confirmed visually.				X >					Х
Electric c	haracteristi	cs								I	1
Contact resistance		20mV MAX, 1mA (DC or 1000Hz).				0 mΩ	MAX.			X	-
Mechanic	cal characte	eristics									<u> </u>
Mechanical operation Vibration Shock		30 times insertion and extraction.				(1)Contact resistance: 20 m Ω MAX. (2)No damage, crack or looseness of parts.				X	-
		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.				①No electrical discontinuity of 1 μ s. ②No damage, crack or looseness of parts.				X	-
		490 m/s^2 duration of pulse 11 ms at 3 times each for				(1)No electrical discontinuity of 1μ s.				X	-
			al directions.		-	-			ess of parts.		
	ental charact				4	0	ant restates				1
Damp heat (Steady state)		Exposed at $40 \pm 2^{\circ}$ C , 90 to 95 %, 96 h. (After leaving the room temperature for 1-2h.)			-	 ①Contact resistance: 20 mΩ MAX. ②No damage, crack or looseness of parts. 				X	-
Rapid change of temperature		Temperature -55°C \rightarrow +85°C				(1)Contact resistance: 20 m Ω MAX.				X	- 1
		Time 30min→ 30min				②No damage, crack or looseness of parts.					
		Under 5 cy (The trans	cles. ferring time of the t	ank is 2-3 min)							
			ing the room tempe							_	
	de the tempera	ture rising	by current.								<u> </u>
Note 2: No co Note 3: Apply	ondensing v to the condition	on of long t	erm storage for uni	used products be	fore PCR	on hor	ard. After Pr	B on hoar	d. operating ter	nperatu	re
and h	humidity range	is applied f	or interim storage	during transporta	ition.	511 000			2, operating ter	poratu	
Count	t	Descriptio	on of revisions		Designe	ed	Checked		cked	Da	ate
1 1		•	-00002332		MI. SAKIM			TS. FU	KUSHIMA	16.1	1.29
Remarks							Approved		. AKIYAMA		0. 29
							Checked		FUKUSHIMA		0.29
Unless otherwise specified, refe			er to IEC 60512.				Designed Drawn		YAMAGUCHI		0.29
Note QT:Qualification Test AT:Ass						Drawing No.			MI. SAKIMURA 15. 10. 28 ELC-361982-00-00		
		Specification sheet			Part N				3–1618PC		
HRS		•	ECTRIC CO.,		Code N	-	CI 69	30-0536		₼	1/1

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