	Ī							
ole standard								
Operating Tem	perature Range	-55 to +105°C(Note1)		Storag	ge Temperature Range	-10 °C to +60°C (Note3)		:e3)
Operating Humidity Range		20%	to 80% (Note2)	Storag	ge Humidity Range	40% to 70%	6 (Not	e3)
Voltage		6	30 V AC/DC	Applic	cable Connector	DF63-2S-3.96C		
Current		AWG 16 : 14A/pin AWG 18 : 12A/pin AWG 20 : 10A/pin		Applic	cable Contact	DF63-1618PC(F)(A) DF63-2022PC(F)(A)		,
	Rated Vo	ltage	Rated Current		Overvoltage Category	IP-Deg	ree	
JL,C-UL	600V AC/DC		See above		-	-		
TÜV	300V AC	J/DC	See above		II	IP00		
			Specification	ns				
Item		Test m	•		Requirement	s	QT	АТ
ction	I			ı	<u> </u>		1	
General Examination Visually a				А	According to drawing.		Х	Х
					1			Х
Characteristic	s			ı			1	
Insulation Resistance 50		500 V DC.			1000 MΩ MIN.			_
oltage Proof 1500 V AC for 1			min.		No flashover or breakdown.			_
ical Characte	ristics			•				
Mechanical operation 30 tir		0 times insertion and extraction.			No damage, crack or looseness of parts.			_
		_	le amplitude 0.75 mm,	at N	No damage, crack or looseness of parts.		Х	_
Acceleration 490 m/s² duration of pulse 11 ms at 3 No damage, crack or looseness of parts. times for 3 directions.		ss of parts.	Х	-				
mental Chara	cteristics			·			- II	
· · · · · · · · · · · · · · · · · · ·					1)Insulation resistance: 500 MΩ MIN.2)No damage, crack or looseness of parts.			_
remperature Time Under 5 Cycles (The transferri		30min \rightarrow 30min $\stackrel{/3}{}$			1)Insulation resistance: 1000 MΩ MIN. 2)No damage, crack or looseness of parts.			_
	Operating Hum Voltage Current UL,C-UL TÜV Item ection examination Characteristic Resistance coof ical Characte al operation mental Characte examination mental Characte examination	Operating Temperature Range Operating Humidity Range Voltage Current Rated Vo JL,C-UL 600V AC TUV 300V AC Item Ction xamination Visually and by Confirmed visua Characteristics Resistance 500 V DC. Toof 1500 V AC for 1 Cal Characteristics I cal operation 30 times insertic Frequency 10 to 10 cycles for 3 decents of 3 direct of	Operating Temperature Range Operating Humidity Range Voltage Current Rated Voltage JL,C-UL G00V AC/DC TÜV 300V AC/DC Item Test m Ction xamination Visually and by measuring in Confirmed visually. Characteristics Resistance 500 V DC. Toof 1500 V AC for 1 min. Ical Characteristics It prequency 10 to 55 Hz, sing 10 cycles for 3 direction. Acceleration 490 m/s² duratifimes for 3 directions. The prediction of the predicti	Operating Temperature Range Operating Humidity Range Operating Humidity Range Voltage Current Rated Voltage Rated Current See above TUV Sover AC/DC See above Specification Item Test method Ction Xamination Visually and by measuring instrument. Confirmed visually. Characteristics Resistance Sov V DC. Tof 1500 V AC for 1 min. Cal Characteristics Sover Single amplitude 0.75 mm, 10 cycles for 3 direction. Frequency 10 to 55 Hz, single amplitude 0.75 mm, 10 cycles for 3 direction. Acceleration 490 m/s² duration of pulse 11 ms at 3 times for 3 directions. Temperature 490 m/s² duration of pulse 11 ms at 3 times for 3 directions. Temperature 55°C→ +85°C Time 30min→ 30min Under 5 Cycles. (The transferring time of the tank is 2 to3 MIN)	Operating Temperature Range Operating Humidity Range Operating Hamidity Range Operating Humidity Range Operating Humidity Range Operating Humidity Range Operating Humidity Range Operating Hamidity Range Operating Humidity Paperature Operating Humidity Paperatu	Operating Temperature Range -55 to +105°C (Note1) Storage Temperature Range Operating Humidity Range 20% to 80% (Note2) Storage Humidity Range Voltage 630 V AC/DC Applicable Connector AWG 16 : 14A/pin AWG 18 : 12A/pin AWG 20 : 10A/pin AWG 20 : 10A/pin	Operating Temperature Range -55 to +105°C (Note1) Storage Temperature Range -10 °C to +60°C	Operating Temperature Range

Remarks Note 1:Include the temperature rising by current. Note 2:No condensing. Note 3: Apply to unused product on packaged condition.

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	COUN	DUNT DESCRIPTION OF REVISIONS DES			CHECKED	DATE
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Unless otherwise specified, refer to IEC 60512.				APPROVED	HK.UMEHARA	20150324
				CHECKED	HK.UMEHARA	20150324
				DESIGNED	YK.YAMAGUCHI	20150324
				DRAWN	YK.YAMAGUCHI	20150324
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING	DRAWING NO.		ELC-361253-00-00	
I HO		SPECIFICATION SHEET	PART NO.	DF63-2EP-3.96C		
		HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0680-0533-0-00		<u>/</u> 3 1/1