	otive equipment / device which demand high reliability, kindly contact our sales window correspondents.
Reserved.	ndly contact our sa
TD. All Rights	iability, kindly
CTRIC CO., L	emand high rel
HIROSE ELE	evice which de
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May.1.2024 C	g Automotive
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COUNT	DESCRIPTION	OF REVIS	IONS BY		CHKD	HKD DATE		COUNT	DESCRIPTION OF REVISIONS		BY	CHKD	DAT	ΤĒ
\triangle														
							$\overline{\Lambda}$							
APPLICA	BIESTAN	DARD	I	L	L			L						
APPLICABLE STANDARD OPERATING OPERATING HUMIDITY														
	TEMPERATUR							0/ TO 0/						
RATING	VOLTA	4GE		200 \	/ AC	. 280 V E	C	ADE	APPLICABLE CABLE AWG No. 28 (7/0					
							-	PHICABLE CABLE AVG No. 28 (7/0.127) × 37 (PITCH 1.38)						
	CURRENT 1 A									× 3,	<u>/ (PI</u>	ICH	1.38)	
SPECIFICATIONS														
ITEM TEST METHOD REQUIREMENTS											TOT	AT		
CONSTRUCTION												L		
CENEDAL EVAMINATION IVISUALLY AND BY MEASURING INSTRUMENT. JACCORDING TO DRAWING												10	0	
MARKING	,	CONFIRI	MED V	ISUAI	ΙΥ									
	10.011404													0
	IC CHARA				<u> </u>									·
CONTACT	RESISTANCE	100 mA	(DC	OH 10	00 Hz)). 1	>		25 mΩ MAX.				0	$ \circ $
	RESISTANCE	20 mV N	νIΑΧ,	1 mA	(DC	OR 1000 Hz)		1>					0	
MILLIVOLT METHOD.	LEVEL													
INSULATIO	N	500 V D)C						1000 MΩ MIN.				+-	-
RESISTANO		000 1 2	· O.						1000 14132 141114.					0
VOLTAGE F	PROOF	650 V A	C FOR	1 1 min					NO FLASHOVE	OR BREAKD	NWC.		0	0
MECHAN	NICAL CHA	RACTE	RIS	TICS								· · · · · · · · · · · · · · · · · · ·		
INSERTION						LE CONNEC	TOR.		INSERTION FOR	RCE 161.7	N M	AX.	T_{\circ}	T
	AL FORCES								EXTRACTION F					
MECHANIC		500 TIM	IES IN	SERTI	ONS A	ND EXTRAC	TION		① CONTACT R				10	
OPERATION	V							1	② NO DAMAGE	E, CRACK AND	LOOS	ENESS	3,	
VIBRATION FREQUENCY 10 TO 55 Hz, SINGLE						F	OF PARTS. NO DAMAGE, C	BACK AND LO	OSEN	ESS	+			
VIBION		AMPLITU				m/s² A			OF PARTS.	THOR AND LO	OOLIN	200,		_
		FOR 3					**********							
SHOCK 490 m/s ² DURATION OF PULSE 11 ms									0	_				
AT 3 TIMES FOR 3 DIRECTIONS.												L		
RAPID CHA							- 0	- 0= 1	NO DAMAGE C	DACK AND LO	OCEN			,
TEMPERAT	TIME							NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				0	-	
			TIME 30 →5MAX→ 30 →5MAX min UNDER 5 CYCLES.							3. 77411 3 .				
DAMP HEAT		EXPOSE	D AT	40 ℃	, 90^	~95 %, 96	h.		① INSULATION RESISTANCE:					_
(STEADY STATE)									() INSULATION RESISTANCE: 10 M Ω MIN. (AT HIGH HUMIDITY.)					
							1000 MΩN	ENEC						
							② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				۰,			
CORROSION SALT MIST EXPOSED IN 5 % SALT W						WATER SPR	AY F	ŌR	NO HEAVY CORROSION.					
		48 h.												
HYDROGEN SULPHIDE EXPOSED IN 3 ± 1 PPM HYDR 40 ± 2 °C , 80 % RH, 120 h.						SULF		① CONTACT R		5 mΩ N	MÄX.	0		
		40 ± 2 °C	. 80	1 9/6 H	H, 12	20 n. 🕦			② NO HEAVY C	ORROSION.				!
DRY HEAT EXPOSED AT 85 ± 5 °C , 1000 h. [1]							① CONTACT R	ESISTANCE: 2	5 mΩ N	MAX.	10			
						_			② NO DAMAGE	, CRACK AND	LOOS	ENESS		
DEMARKS		L					т		OF PARTS.					
REMARKS NOTE. D MEASUREMENT POINT OF DRAWN DESIGNED CHECKED APPROVED RELEAS											SED			
1,4012	CONTACT			<u> </u>			27	Fer -	eta i , , , , reg	Coloma Coma	1.45			
					Ī	亭 ⊑ ❤️		France C.	, , ,	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (4.411	m _{to} .		
				च्च						ľ				
Unless otherwise specified, refer to JIS C 5402.														
Note QT:Qualification Test AT:Assurance Test O:Applicable Test														
I PART NO														
CN	HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET FDCD-37PF(55)													
CODE NO.(OL	.D)	D	RAWIN	G NO.	_!			TCC	DE NO.				'	
CL			Е	ELC	4-02	22477-0	1		CL2	11-0607-	7-55	5		/1

FORM No.231-1