APPLICA	BLE STANI	DARD										
OPERATING			55.00 TO 05.0	20 (1) (2)		RAGE			40.00 TO .00.0	(2)		
	TEMPERATURE RANGE OPERATING HUMIDITY RANGE VOLTAGE		-55 °C TO +85 °C (1) (2) RH 90 % MAX (2) (4)				RE RANGE	<u> </u>	-10 °C TO +60 °C			
RATING					RAN	RAGE HUMIDITY IGE			RH 70 % MAX		3) (4)	
			300 V DC/AC CUF			RRENT			60A (TEMPERATURE RISE 30°C M		MAX	
	•	· ·	SPEC	IFICA	TION	S						
ITEM			TEST METHOD			REQUIREMENTS				QT	Α	
CONSTRUCTION			TEOT METHOD			THE GOINE WEITTO						
		VISUAL AN	ND WITH MEASURING INSTRU	JMENT		ACCOR	DING TO D	RAV	WING	×	×	
MARKING		CONFIRM	ED VISUALLY							×	×	
ELECTRIC	CHARACT	ERISTI	CS									
CONTACT RESISTANCE [EIA-364-23]		10 mA				2 mΩMAX. ⁽⁵⁾ MATED WITH IT-PM-2S-DIR IT-PD-2S-DIR					-	
										×		
INSULATION RESISTANCE [EIA-364-21]		500 V DC				1000 MΩ MIN.				×	-	
VOLTAGE PROOF [EIA-364-20]		1000 V AC FOR 1 MINUTE				NO FLASHOVER OR BREAKDOWN.				×	-	
	CAL CHAR	ACTERI	STICS							ı		
INSERTION	AND	MEASURED WITH RESPECT TO APPLICABLE				INSERT	ION FORCE	E: :	50 N MAX.			
WITHDRAWAL FORCES [EIA-364-13]		CONNECTORS				WITHDRAWAL FORCE: 3 N MIN.				×	-	
MECHANICAL OPERATION [EIA-364-09]		100 TIMES INSERTION AND EXTRACTION				① CONTACT RESISTANCE: 2 m Ω MAX. ⁽⁵⁾ ② NO DAMAGE, CRACKS, OR LOOSE PARTS				×	-	
RANDOM VIBRATION [EIA-364-28]		FREQUENCY: 50 TO 2000 Hz POWER SPECTRAL DENSITY: 0.1 g²/Hz FOR 90 MINUTES IN THREE DIRECTIONS * Spacers were used to maintain the distance between the PCB's during testing.				 ① NO ELECTRICAL DISCONTINUITY OF 1 μs OR MORE ② NO DAMAGE, CRACKS, OR LOOSE PARTS 				×	-	
SHOCK [EIA-364-27]		490 m/s², DURATION OF PULSE: 11 ms 18 TIMES TOTAL, 3 EACH DIRECTION, 3 AXIS * Spacers were used to maintain the distance between the PCB's during testing.								×	-	
FN\/IRON	MENTAL CI											
THERMAL S			TURE: -55 →20 ~ 35 → 85 →20	0 ~ 35 °C		① CON	TACT RES	IST/	ANCE: 2 m Ω MAX. (5)			
[EIA-364-32]		TIME: $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX}$ minutes 10 CYCLES				② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACKS, OR LOOSE PARTS						
CYCLIC TEMPERATURE AND HUMIDITY [EIA-364-31]		@ 25 °C, 80% RH: 60 MIN DWELL TIME 30 MIN RAMP TIME @ 65 °C, 50% RH: 60 MIN DWELL TIME 24 CYCLES								×	-	
DRY HEAT			POSED AT 105 °C, 120 hr				① CONTACT RESISTANCE: 2 mΩ MAX. (5)				-	
[EIA-364-17]							② NO DAMAGE, CRACKS, OR LOOSE PARTS					
MIXED FLOWING GAS [EIA-364-65]		Cl ₂ : 10 pp	OSED AT 30 °C, 70% 10 ppb, NO ₂ : 200 ppb, H ₂ S: 10 ppb, SO ₂ : 100 ppb ATED 7 DAYS, MATED 7 DAYS			① CONTACT RESISTANCE: 2 mΩ MAX. (5)				×	-	
	_ 1			1	_							
COUN	II DE	SCRIPTIO	ON OF REVISIONS		DESIG	NED			CHECKED		ATE	
<u>~</u> ` REMARKS				I			V DDD C) (M/ E74//	15 /	00.04	
(2) OPERATING	TEMPERATURE S	SHOULD BE -	BY CURRENT-CARRYING. -55 TO 55°C WHEN HUMIDITY EXCEEDS 80% RH. AGE STATE FOR THE UNUSED PRODUCT				APPROV		MK. EZAKI		15. 09. 26 15. 09. 26	
BEFORE ASSEMBLY TO PCB. (4) NO DEW CONDENSATION IS PERMITT (5) THE VALUE OF CONTACT RESISTANC (6) THIS APPLIES TO SEALED PLASTIC BA AND CHLORIDE WHICH CAN CAUSE T			RMITTED. STANCE INCLUDES 2 CONTACT POINTS AND THE BULK RESISTAN TIC BAGS. OPEN BAGS MUST BE PROTECTED FROM MOISTURE, JUSE THE SILVER PLATING TO TARNISH.									
									NY. SHIMURA NY. SHIMURA	15. 09. 20		
Unless otherwise specified, the test method apply for IEC-60512. Note: QT:Qualification Test AT:Assurance Test X:Applicable Test					DE	DRAWING NO.		N	ELC-357298-11-00			
		SPECIFICATION SHEET			PART NO.		1		IT-P-2P-37H(11)			
HS.		HIROSE ELECTRIC CO., LTD.			CODE NO		CL636-0620-4		· ·	\wedge	1/1	
	1		,		3022 140.		02000 0020 1 11			<u> </u>		