APPLICA	BLE STAN	DARD									
	OPERATING TEMPERATING		-55 °C TO +85 °C (1) (2) TEM			PRAGE			-10 °C TO +60 °C		
RATING	OPERATING RANGE	HUMIDITY	RH 90 % MAX (2) (4)		STORAGE HI RANGE				RH 70 % MAX	RH 70 % MAX (3) (4)	
	VOLTAGE		300 V DC/AC			RRENT 70A (TEMPERATURE RISE 30°C MAX					ЛАХ)
SPECIFICATIONS											
	EM		TEST METHOD				RE	QUI	REMENTS	QT	AT
CONSTRU	JCTION										
	XAMINATION	VISUAL AND WITH MEASURING INSTRUMENT				ACCORDING TO DRAWING				×	×
MARKING		CONFIRMED VISUALLY								×	×
		TERISTICS				I- 0.1111(5)					1
CONTACT RESISTANCE [EIA-364-23]						$2 \text{ m}\Omega \text{MAX.}^{(5)}$ MATED WITH IT-PM-2S-DIR IT-PD-2S-DIR				×	
INSULATION RESISTANCE [EIA-364-21]		500 V DC				1000 ΜΩΜΙΝ.				×	
VOLTAGE PROOF		1000 V AC FOR 1 MINUTE				NO FLASHOVER OR BREAKDOWN.				×	
[EIA-364-20] MECHANI	CAL CHAR	ACTERI	STICS								
INSERTION			ED WITH RESPECT TO APPLIC	CABLE		INSERT	ION FOR	CE:	50 N MAX.	1	
WITHDRAWAL FORCES		CONNECTORS				WITHDRAWAL FORCE: 3 N MIN.				×	
[EIA-364-13]											
MECHANICAL OPERATION		100 TIMES INSERTION AND EXTRACTION				(1) CONTACT RESISTANCE: $2 m \Omega$ MAX. (5) (2) NO DAMAGE, CRACK OR LOOSENESS OF				×	
[EIA-364-09]						PARTS					
RANDOM VII [EIA-364-28]	BRATION	FREQUENCY: 50 TO 2000 Hz POWER SPECTRAL DENSITY: 0.1 q ² /Hz				① NO ELECTRICAL DISCONTINUITY OF 1 μs OR MORE					
[EIA-304-20]		FOR 90 MINUTES IN THREE DIRECTIONS * The test sample fixes PCB by spacers other than the connector.				② NO DAMAGE, CRACK OR LOOSENESS OF PARTS					
SHOCK		490 m/s ² , DURATION OF PULSE: 11 ms 18 TIMES TOTAL, 3 EACH DIRECTION, 3 AXIS									
[EIA-364-27]		* The test sample fixes PCB by spacers other than the connector.				×					
ENVIRONI	MENTAL C	HARAC	TERISTICS								
THERMAL SI	HOCK	TEMPERATURE: -55 →20 ~ 35 → 85 →20 ~ 35 °C				-			NCE : 2 m Ω MAX. (5)		
[EIA-364-32]		TIME: $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX}$ min. UNDER 10 CYCLES				② INSULATION RESISTANCE : 100 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF				×	
CYCLIC TEMPERATURE AND HUMIDITY		@ 25 °C, 8	@ 25 °C, 80% RH: 60 MIN DWELL TIME 30 MIN RAMP TIME				PARTS				
[EIA-364-31]		@ 65 °C, 50% RH: 60 MIN DWELL TIME UNDER 24 CYCLES									
DRY HEAT		EXPOSED AT 105 °C, 120 hr				① CONTACT RESISTANCE : 2 mΩ MAX. (5)					
[EIA-364-17]						② NO DAMAGE, CRACK OR LOOSENESS OF PARTS				×	
MIXED FLOWING GAS			EXPOSED AT 30 °C, 70%						NCE : 2 m Ω MAX. (5)		
[EIA-364-65]		Cl_2 : 10 ppb, NO_2 : 200 ppb, H_2S : 10 ppb, SO_2 : 100 ppb UNMATED 7 DAYS, MATED 7 DAYS			ppb	② NO HEAVY CORROSION				×	
COUN	T D	ESCRIPTI	CRIPTION OF REVISIONS DE		DESIG	NED			CHECKED	CKED DATE	
<u> </u>		DIS-	DIS-F-00020361 TH. S			ANO			TY. TAKADA	2024	0508
REMARKS (1) INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING.							APPRC	VED	HS. OKAWA		1216
(2) OPERATING TEMPERATURE SHOULD BE -55 TO 55°C WHEN HUMIDITY EXCEEDS 80% (3) "STORAGE" MEANS A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT					RH.		CHECKED		KI. HIROKAWA	20111215	
(4) NO DEW CO	SEMBLY TO PCB. INDENSATION IS OF CONTACT RE	PERMITTED.	ERMITTED. SISTANCE INCLUDES 2 CONTACT POINTS AND THE BULK RESISTAI			NCE.	DESIG	NED	KN. SHIBUYA	20111215	
						DRAWN		VN	KN. SHIBUYA	20111215	
Note; QT:Qualification Test AT:Ass			urance Test X:Applicable Test [RAWING NO.			ELC4-339735-00		
we	S	PECIFI	PECIFICATION SHEET			PART NO.		IT-P-2P-35H			
HS	HIR	OSE E	OSE ELECTRIC CO., LTD.			CODE NO.		CL0636-0602-2-00 1			1/1