APPL I CAE	BLE STANDAR	D							
OPERATING T RANGE		EMPERATURE 1 -55 °C TO 85	°C 1	STORAGE RANGE	TEMPERA	TURE	2> −25 °C TO 60	°C	
RATING	VOLTAGE	125 V AC	ODE		RATING HUMIDITY		95 % MAX		
	CURRENT	0.5 A	O. 5 A AP				_		
		SPEC	IFICA						
	ITEM	TEST METHOD				REQI	JIREMENTS	QT	AT
CONSTRU				ı				1	
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT	ACCOR	ACCORDING TO DRAWING.				χ	
MARKING		CONFIRMED VISUALLY.						Χ	
ELECTRI	C CHARACTEI	RISTICS		•					
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz AC).		230	230 mΩ MAX.				Χ
		MODULAR CABLE RECEPTACLE RESUREMENT POINT COME EXAMPLE OF COMPLETED COMPLETE							
INSULATION RESISTANCE		(ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)  100 V DC.			100 MΩ MIN.				Х
VOLTAGE PROOF		500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.				X	
MECHANI	CAL CHARAC	TERISTICS						Х	
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTION	1) CON	1) CONTACT RESISTANCE: 250 mΩ MAX.					
VIBRATION		FREQUENCY 10 TO 55Hz, SINGLE AMPLITU	, 1)NO	2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.  1) NO ELECTRICAL DISCONTINUITY OF 5 μs.  2) CONTACT RESISTANCE: 250 mΩ MAX.			Х	<del> </del>	
SHOCK		AT 2h, FOR 3 DIRECTIONS.  490 m/s² DIRECTIONS OF PULSE 11 ms FOR 6 DIRECTIONS.		3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-	
ENV I RON	MENTAL CHAI	RACTERISTICS		l l				l	
DAMP HEAT		EXPOSED AT 40 °C, 90 TO 95 %, 500h.			TACT RESI	STANCE	: 250 mΩ MAX.	Х	<u> </u>
(STEADY STATE)					2) INSULATION RESISTANCE:  1 MΩ MIN. (AT HIGH HUMIDITY)  10MΩ MIN. (AT DRY)  3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				
RAPID CHANGE OF TEMPERATURE		TEMPERATURE: $-55 \rightarrow 15 \text{ TO } 35 \rightarrow 85 \rightarrow 15 \text{ TO } 35 ^{\circ}\text{C}$ TIME: $30 \rightarrow 10 \text{ TO } 15 \rightarrow 30 \rightarrow 10 \text{ TO } 15 \text{ min.}$ UNDER 5 CYCLES.			1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR	1	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_	
COUN	IT .	ESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DA	TE
1				TS. ITO		TU. TANIGUO		20190425	
REMARK	ODEDATION TENDES	ATURE INCLUDES THE TEMPERATURE DISC. ST	ADDVINO	INCLUDING CONDITION DESIGNE		EJ. WAKATSUKI	201406		
STOF	RAGE TEMPERATURE	TATURE INCLUDES THE TEMPERATURE RISE BY RANGE SHOWS STORAGE CONDITION FOR UNU	S INCLUDING			EJ. WAKATSUKI	2014060		
PACH	(ING MATERIALS. F R MOUNTING	OLLOW THE OPERATING TEMPERATURE RANGE	E CONDITION			MT. ITANO	20140605		
Unless o	therwise sp	ecified, refer to JIS C 5402.		DRA		WN	MT. ITANO	20140605	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.			ELC4-121627-04			
HS		SPECIFICATION SHEET		PART NO.		TM18R-88 (51)			
HIF		ROSE ELECTRIC CO., LTD.		CODE NO.	C	CL222-2867-2-51 🛕			1/1