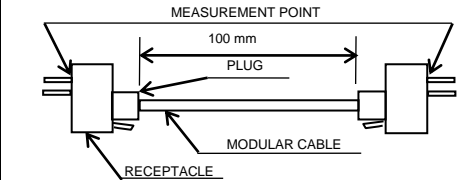


APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-55°C TO 85°C	STORAGE TEMPERATURE RANGE	-25°C TO 60°C			
	VOLTAGE	125 V AC	CURRENT	0.5 A			
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING		CONFIRMED VISUALLY.				X	X
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz). 		200 mΩ MAX.		X	X
INSULATION RESISTANCE		100 V DC.		100 MΩ MIN.		X	X
VOLTAGE PROOF		500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	X
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: 220 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	—
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) CONTACT RESISTANCE: 220 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				X	—
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT,CYCLIC		EXPOSED AT +60°C, 90 TO 95 %, 500 h		1) CONTACT RESISTANCE: 220 mΩ MAX. 2) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±3→5 TO 35→85±2→5 TO 35°C TIME 30 TO 35→5 MAX→30 TO 35→5 MAX min UNDER 5 CYCLES.		1) CONTACT RESISTANCE: 220 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		1) CONTACT RESISTANCE: 220 mΩ MAX. 2) NO HEAVY CORROSION.		X	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
△							
REMARK Unless otherwise specified, refer to IEC 60512.				APPROVED	MN. KENJO	20201120	
				CHECKED	TU. TANIGUCHI	20201120	
				DESIGNED	HY. MATSUDA	20201120	
				DRAWN	DS. HIROWATARI	20201120	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC-047624-40-00	
IHS	SPECIFICATION SHEET			PART NO.	TM5RL-88-JJ (40)		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL0222-3798-7-40	△	1/1