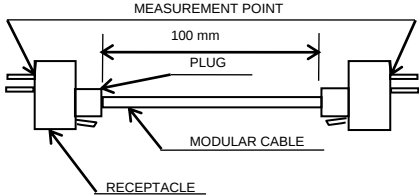


APPLICABLE STANDARD																	
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	-25 °C TO 60 °C													
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	△ 85%RH MAX													
	CURRENT	500 mA	APPLICABLE CABLE	-													
SPECIFICATIONS																	
ITEM		TEST 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 (DC OR 1000 Hz).  (ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)		230 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: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -												
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 250 mΩ MAX.	X -												
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -												
ENVIRONMENTAL CHARACTERISTICS																	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 % , 500 h		① CONTACT RESISTANCE: 250 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: 250 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: 250 mΩ MAX. ② NO HEAVY CORROSION.	X -												
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.		NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	X -												
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.		MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.	X -												
<table border="1"> <tr> <td></td> <td>COUNT</td> <td>DESCRIPTION OF REVISIONS</td> <td>DESIGNED</td> <td>CHECKED</td> <td>DATE</td> </tr> <tr> <td>△</td> <td>1</td> <td>DIS-E-00011745</td> <td>YK. MORIYAMA</td> <td>KG. OKITA</td> <td>20221121</td> </tr> </table>							COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	△	1	DIS-E-00011745	YK. MORIYAMA	KG. OKITA	20221121
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE												
△	1	DIS-E-00011745	YK. MORIYAMA	KG. OKITA	20221121												
REMARK				APPROVED	MN. KENJO	20201120											
				CHECKED	TU. TANIGUCHI	20201120											
				DESIGNED	HY. MATSUDA	20201120											
				DRAWN	DS. HIROWATARI	20201120											
Unless otherwise specified, refer to IEC 60512.																	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-047407-40-00												
HRS	SPECIFICATION SHEET		PART NO.	TM5RL-88 (40)													
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0222-2665-8-40	△ 1/1												