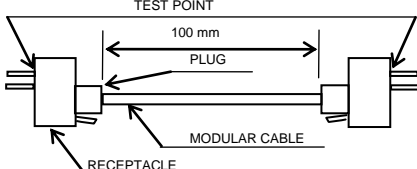


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C	STORAGE TEMPERATURE RANGE	-25°C TO 60°C \triangle	
	VOLTAGE	125 V AC	CURRENT	500 mA	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (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 5μs. 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→5MAX→30 TO 35→5MAX 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	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
\triangle	2	DIS-E-00002923	KIM JAEHYEON	TU. TANIGUCHI	20200312
REMARK			APPROVED	HO. MIWA	20050105
			CHECKED	TH. KAMEYA	20050105
			DESIGNED	SS. SATOH	20050105
			DRAWN	SS. SATOH	20050105
Unless otherwise specified, refer to IEC 60512. \triangle					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-028187-00-00
HRS	SPECIFICATION SHEET		PART NO.	TM8P-88P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-1817-9-00	\triangle 1/1