

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C	STORAGE TEMPERATURE RANGE	-25°C TO 60°C <sup>△</sup>	
	VOLTAGE	125 V AC	CURRENT	500 mA	
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  <div style="text-align: center;"> </div> (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	
<b>MECHANICAL CHARACTERISTICS</b>					
MECHANICAL OPERATION	750 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 <sup>2</sup> AT 2h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 5μs. ② CONTACT RESISTANCE: 250 mΩ MAX.	X		—
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X		—
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
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→5 TO 35→85→5 TO 35 °C TIME 30→10 TO 15→30 →10 TO 15 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
△	2	DIS-E-00002925	KIM JAEHYEON	TU. TANIGUCHI	20200326
REMARK  Unless otherwise specified, refer to IEC 60512. △			APPROVED	HO. MIWA	20060629
			CHECKED	YH. ENAMI	20060629
			DESIGNED	TU. TANIGUCHI	20060628
			DRAWN	YK. SATO	20060627
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120679-61-03
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	TM11AP-88P (61)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2780-6-61	△ 1/1