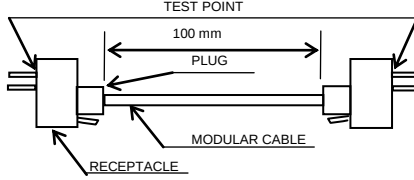


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C $\triangle$		STORAGE TEMPERATURE RANGE	-25°C TO 60°C $\triangle$	
	VOLTAGE	125 V AC		CURRENT	500 mA	
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT AT	
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING 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 2h, 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→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 PART.	X -	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		① CONTACT RESISTANCE: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS.	X -	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
$\triangle$	3	DIS-E-00002925	KIM JAEHYEON	TU. TANIGUCHI	20200326	
REMARK Unless otherwise specified, refer to IEC 60512. $\triangle$				APPROVED	HO. MIWA	20050105
				CHECKED	TH. KAMEYA	20050105
				DESIGNED	SS. SATOH	20050105
				DRAWN	SS. SATOH	20050105
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120679-00-00	
HRS	SPECIFICATION SHEET		PART NO.	TM11AP-88P		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2780-6-00	$\triangle$ 1/1	