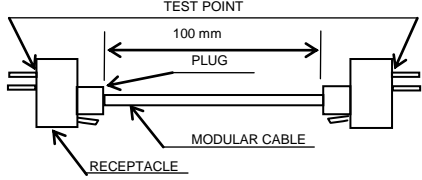


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C \triangle		STORAGE TEMPERATURE RANGE	-25°C TO 60°C \triangle	
	VOLTAGE	125 V AC		CURRENT	100 mA	
SPECIFICATIONS						
ITEM	TEST METHOD			REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			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	—
RUBBER PROBE	RUBBER PROBE Φ6.9 ± 0.5 mm, DIAMETER SHALL BE INSERTED AND WITHDRAWN. (TEST STANDARD:UL1863)			NO DEFECT AT WITHDRAWING.	X	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	—
COUNT	DESCRIPTION OF REVISIONS			DESIGNED	CHECKED	DATE
\triangle 4	DIS-E-00002925			KIM JAEHYEON	TU. TANIGUCHI	20200326
REMARK				APPROVED	H0. 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-120679-03-06
HRS	SPECIFICATION SHEET			PART NO.	TM11AP-88P (03)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL222-2780-6-03	\triangle 1/1