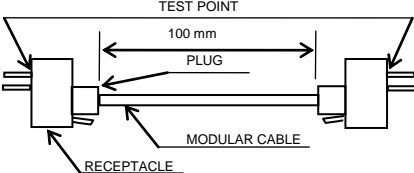


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C [△]		STORAGE TEMPERATURE RANGE	-25°C TO 60°C [△]	
	VOLTAGE	125 V AC		CURRENT	100 mA	
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING 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RUBBER PROBE	RUBBER PROBE Φ6.9 ± 0.5 mm, DIAMETER SHALL BE INSERTED AND WITHDRAWN.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	
[△]	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. [△]						
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	[△]	1/1