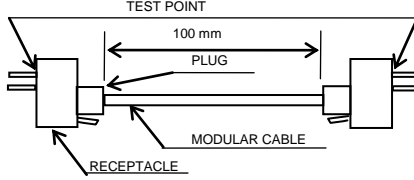


APPLICABLE STANDARD		ISO 10173			
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C		STORAGE TEMPERATURE RANGE	-25°C TO 60°C $\triangle 2$
	VOLTAGE	125 V AC		CURRENT	500 mA
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		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±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-00002925	KIM JAEHYEON	TU. TANIGUCHI	20200326
REMARK			APPROVED	HO. MIWA	20050105
			CHECKED	TH. KAMEYA	20050105
			DESIGNED	SS. SATOH	20050105
			DRAWN	SS. SATOH	20050105
Unless otherwise specified, refer to IEC 60512. $\triangle 2$					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120546-00-00
HRS	SPECIFICATION SHEET		PART NO.	TM10P1-88P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2770-2-00	\triangle 1/1