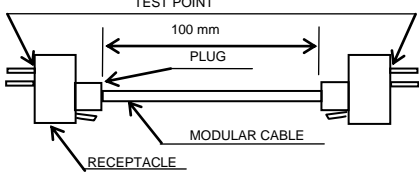


APPLICABLE STANDARD		RECOGNIZED COMPONENT OF UL1863			
RATING	OPERATING TEMPERATURE RANGE	-25°C TO 60°C \triangle		STORAGE TEMPERATURE RANGE	-25°C TO 60°C \triangle
	VOLTAGE	56.5 V DC, MAXIMUM OPERATING VOLTAGE 150V		CURRENT	100 mA
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X
MARKING		CONFIRMED VISUALLY.			X X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA DC (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 2 h, 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 6.9±0.5mm DIAMETER SHALL BE INSERTED AND WITHDRAW. (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→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 4	DIS-E-00002932		KIM JAEHYEON	TU. TANIGUCHI	20200403
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					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120683-00-00
HRS	SPECIFICATION SHEET		PART NO.	TM11APX-88P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-8008-0-00	\triangle 1/1