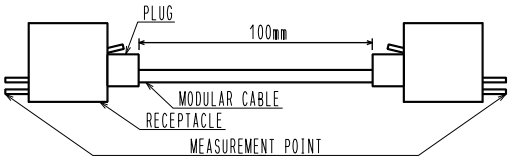
APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	1 -25 °C TO 60 °C	STORAGE TEMPERATURE RANGE	2 -25 °C TO 60 °C
	VOLTAGE	125 V AC	CURRENT	500 mA

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (ONE EXAMPLE CONNECTOR CONFIGURTION IS SHOWN.)	230 mΩ MAX.	×	×
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	×	×
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	×
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	750 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	–
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm AT 2 h , FOR 3 DIRECTION.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) CONTACT RESISTANCE: 250 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	–
SHOCK	490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	–
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT,CYCLIC	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.	×	–
RAPID CHANGE OF TEMPERATURE	TEMPERATURE –55 → 5 TO 35 → 85 → 5 TO35 °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 PARTS.	×	–
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO HEAVY CORROSION.	×	–

1 THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.

2 STORAGE TEMPERATURE RANGE SHOWS STORAGE CONDITION FOR UNUSED PRODUCTS INCLUDING PACKING MATERIALS. FOLLOW THE OPERATING TEMPERATURE RANGE FOR STORAGE CONDITION AFTER MOUNTING.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1	1	DIS-E-00002932	KIM JAEHYEON	TU. TANIGUCHI	20200403

REMARK

Unless otherwise specified, refer to IEC 60512. △1

APPROVED	RI. TAKAYASU	20110727
CHECKED	YH. ENAMI	20110727
DESIGNED	SG. CHAMURA	20110723
DRAWN	SG. CHAMURA	20110723

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-127727-61-01

HRS	SPECIFICATION SHEET	PART NO.	TM11DP-88P(61)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL222-2975-5-61 △1	1/1

FORM HD0011-2-1