| APPLICA | BLE ST | ANDARD | | | | | | | | | |
|--------------------------------|--------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------|------------------------|----------|-------|
| OPERATING TEMPERATUR | | NG | -25°C TO 60°C ↔ STC | | | RAGE PERATURE RANGE | | | -25°С то 60°С <u>/</u> | | |
| KATING | VOLTAG | E | 125 V AC CUF | | RRENT | | | 500 mA | | | |
| | | | SPECIFICATIO | | | | | | | | |
| IT | EM | | TEST METHOD | | | REQUIREMENTS QT AT | | | | АТ | |
| CONSTR | UCTIO | N | | | | | | | | | |
| GENERAL EXAMINATION | | VISUALLY | VISUALLY AND BY MEASURING INSTRUMENT. | | | ACCORDING TO DRAWING. | | | | Х | Х |
| MARKING | | CONFIRM | CONFIRMED VISUALLY. | | | | | | | X | Х |
| ELECTR | IC CHA | RACTERIS | CTERISTICS | | | | | | | | |
| CONTACT RESISTANCE | | 100 mA MEASUR | 100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS. TEST POINT 100 mm PLUG MODULAR CABLE (ONE EXAMPLE OF CONNECTOR CONFIGURTION IS SHOWN.) | | | 230 mΩ MAX. | | | | X | X |
| INSULATION RESISTANCE | | CE 100 V I | 100 V DC. | | | 100 MΩ MIN. | | | | Х | Х |
| VOLTAGE PR | OOF | 500 V A | 500 V AC FOR 1 min. | | | NO FLASHOVER OR BREAKDOWN. | | | | Х | Х |
| MECHAN | IICAL C | HARACTE | ERISTICS | | | | | | | | |
| MECHANICAL OPERATION | | ON 200 TI | 200 TIMES INSERTIONS AND EXTRACTIONS. | | | | | | | х | _ |
| VIBRATION | | | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s² AT 2h, FOR 3 DIRECTIONS. | | | ① NO ELECTRICAL DISCONTINUITY OF $5\mu s$. ② CONTACT RESISTANCE: 250 mΩ MAX. | | | | Х | |
| SHOCK | | 490 m/ | 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. | | | ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | | | X | |
| ENI/IRON | IMENIT | | CHARACTERISTICS | | | | ANTO. | | | | |
| DAMP HEAT | NIVIL I VI | | EXPOSED AT 40°C, 90 TO 95 %, 500 h | | | ① CON | ITACT RI | SISTA | NCE: 250 mΩ MAX. | | 1 |
| (STEADY STATE) | | | | | | 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 | | TIME | TEMPERATURE $-55 \rightarrow 5$ TO $35 \rightarrow 85 \rightarrow 5$ TO $35 \rightarrow 6$ TIME $30 \rightarrow 10$ TO $15 \rightarrow 30 \rightarrow 10$ TO 15 min UNDER 5 CYCLES. | | | CONTACT RESISTANCE: 250 mΩ MAX. INSULATION RESISTANCE: 100 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PART. | | | | . X | _ |
| CORROSION SALT MIST | | EXPOSED | EXPOSED IN 5 % SALT WATER SPRAY FOR | | | _ | ITACT RI | ESISTA | NCE: 250 mΩ MAX. | | |
| | | 48 h. | 48 h. | | | ② NO! | DAMAGE | , CRAC | K AND LOOSENESS. | X | _ |
| COUN | Т | DESCRIPTION | ON OF REVISIONS | DESIG | | GNED | | | CHECKED | DATE | |
| ⚠ 3 | | | | KIM JAEHYEON | | | | TU. TANIGUCHI | | 20200326 | |
| REMARK | | | | | | APPROVED | | VED | HO. MIWA | 2005010 | |
| | | | | | | | CHEC | KED | TH. KAMEYA | 2005 | 50105 |
| | | | | | | DESIGNED | | NED | SS. SATOH | 20050105 | |
| Unless oth | nerwise s | specified, re | cified, refer to IEC 60512. 🛆 | | | DRAWN | | ۷N | SS. SATOH | 20050105 | |
| Note QT:Q | ualification | Test AT:As | st AT:Assurance Test X:Applicable Test | | | DRAWING NO. | | | ELC-120679-00-00 | | |
| HS. | | SPECIFI | PECIFICATION SHEET | | | PART NO. | | TM11AP-88P | | | |
| | F | HIROSE ELECTRIC CO., LTD. | | | CODE | NO. | CI | CL222-2780-6-00 🛕 1. | | | 1/1 |