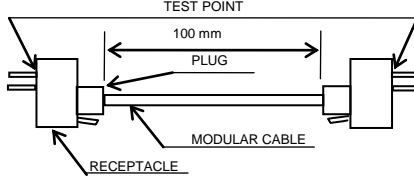


| APPLICABLE STANDARD | | | | | |
|--|--|--------------------------|--|----------------------------|------------------|
| RATING | OPERATING TEMPERATURE RANGE | -25°C TO 60°C | STORAGE TEMPERATURE RANGE | -25°C TO 60°C [△] | |
| | VOLTAGE | 125 V AC | CURRENT | 500 mA | |
| SPECIFICATIONS | | | | | |
| ITEM | TEST METHOD | | REQUIREMENTS | QT | AT |
| CONSTRUCTION | | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | | ACCORDING TO DRAWING. | 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→5 TO 35→85→5 TO 35 °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. | 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 |
| [△] | 2 | DIS-E-00002925 | KIM JAEHYEON | TU. TANIGUCHI | 20200326 |
| REMARK Unless otherwise specified, refer to IEC 60512. [△] | | | APPROVED | HO. MIWA | 20050105 |
| | | | CHECKED | TH. KAMEYA | 20050105 |
| | | | DESIGNED | SS. SATOH | 20050105 |
| | | | DRAWN | SS. SATOH | 20050105 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | | ELC-120679-01-01 |
| HRS | SPECIFICATION SHEET | | PART NO. | TM11AP-88P (01) | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL222-2780-6-01 | [△] 1/1 |