

| APPLICABLE STANDARD | | SPECIFICATIONS | | | |
|---|--|--------------------------------|---|--------------------------------|---|
| RATING | OPERATING TEMPERATURE RANGE | -55 °C TO 85 °C ⁽¹⁾ | STORAGE TEMPERATURE RANGE | -10 °C TO 60 °C ⁽²⁾ | |
| | VOLTAGE | 250 V AC | OPERATING HUMIDITY RANGE | 40 % TO 80 % | |
| | CURRENT | 3 A | STORAGE HUMIDITY RANGE | 40 % TO 70 % ⁽²⁾ | |
| | | | APPLICABLE CABLE (AWG SIZE) | AWG22 TO 36 | |
| CONSTRUCTION | | | | | |
| GENERAL EXAMINATION | VISUALLY AND BY MEASURING INSTRUMENT. | | ACCORDING TO DRAWING. | | x x |
| MARKING | CONFIRMED VISUALLY. | | | | x x |
| ELECTRIC CHARACTERISTICS | | | | | |
| INSULATION RESISTANCE | 500 V DC. | | 1000 MΩ MIN. | | x - |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | | NO FLASHOVER OR BREAKDOWN. | | x - |
| ENVIRONMENTAL CHARACTERISTICS | | | | | |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. | | ① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | | x - |
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE-65→+15~+35→+125→+15~+35°C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES. | | | | x - |
| | | | | | |
| COUNT | | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|  | | | | | |
| REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. | | | APPROVED | HS. OKAWA | 12.05.24 |
| | | | CHECKED | HT. YAMAGUCHI | 12.05.24 |
| | | | DESIGNED | KJ. NISHIWAKI | 12.05.24 |
| Unless otherwise specified, refer to MIL-STD-202. | | | DRAWN | CR. TAKESHIMA | 12.05.24 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | | ELC4-018777-01 |
|  | SPECIFICATION SHEET | | PART NO. | A1-10D-2.54C | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL619-0091-0-00 |  1/1 |