

| APPLICABLE STANDARD | | | | | |
|---|--|--------------------------------|--|--------------------------------|----------|
| 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 | |
| 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 | | | | | |
| 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. | | ①INSULATION RESISTANCE:1000 MΩ MIN. ②NO 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 | 13.09.28 |
| | | | CHECKED | HT. YAMAGUCHI | 13.09.27 |
| | | | DESIGNED | TH. SANO | 13.09.27 |
| | | | DRAWN | TH. SANO | 13.09.27 |
| Unless otherwise specified, refer to MIL-STD-202. | | | | | |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | ELC4-018779-01 | |
| HRS | SPECIFICATION SHEET | | PART NO. | A2-5S-2. 54C | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL620-0101-1-00 | △ 1/1 |