
























| APPLICABLE STANDARD | | | | | |
|--|--|---|---|-----------------|---|
| RATING | OPERATING TEMPERATURE RANGE | -25°C TO +85°C | STORAGE TEMPERATURE RANGE | -25°C TO +60°C | |
| | OPERATING&STORAGE HUMIDTY RANGE | 85%MAX  | — | — | |
| | VOLTAGE | AC 125V  | CURRENT | 0.5 A | |
| 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 |
| ELECTRICAL CHARACTERISTICS | | | | | |
| CONTACT RESISTANCE | 100 mA (DC OR 1000 Hz). | |    USING IDC TYPE : 50mΩ MAX. (SIGNAL)   USING SOLDER TYPE : 65mΩ MAX. (SIGNAL) | X | — |
| INSULATION RESISTANCE | 100 V DC. | | 1000 MΩ MIN. | X | — |
| VOLTAGE PROOF | 250 V AC FOR 1 min. | | NO FLASHOVER OR BREAKDOWN. | X | X |
| MECHANICAL CHARACTERISTICS | | | | | |
| INSERTION AND WITHDRAWAL FORCES | MEASURED BY APPLICABLE CONNECTOR. | | INSERTION FORCE 43N MAX. WITHDRAWAL FORCE 3.8 N MIN. | X | — |
| MECHANICAL OPERATION | 1000 TIMES INSERTIONS AND EXTRACTIONS. | | 1) CONTACT RESISTANCE    USING IDC TYPE : 70mΩ MAX.  USING SOLDER TYPE : 85mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| VIBRATION | FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, 5 min/CYCLE, TOTAL 10 CYCLES. | | 1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| SHOCK | 490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. | | | X | — |
| ENVIRONMENTAL CHARACTERISTICS | | | | | |
| THERMAL SHOCK | TEMP -55 →+5 TO +35 →+85 →+5 TO +35 °C TIME 30 → 5 → 30 → 5 min. UNDER 5 CYCLES. | | 1) CONTACT RESISTANCE    USING IDC TYPE : 70mΩ MAX.  USING SOLDER TYPE : 85mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| HUMIDITY LIFE | TEMPERATURE 40 °C, HUMIDITY 90 TO 95 %, FOR 96 h | | 1) INSULATION RESISTANCE: 100 MΩ MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | X | — |
| CORROSION SALT MIST | EXPOSED AT 5 % SALT WATER, FOR 48 h. | | NO HEAVY CORROSION THAT LOSE FUNCTION. | X | — |
| <div> EXCLUDES CONDUCTOR RESISTANCE OF CABLE.   EXAMINATION IS HELD WITH “DH-51-CT*B” , “DH3*B-51S” AND “DH60A-51P”. (PLUG : IDC TYPE)   EXAMINATION IS HELD WITH “DH-51-CT*B” , “DH40-51S” AND “DH60A-51P”. (PLUG : SOLDER TYPE)</div> | | | | | |
| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|  | 5 | DIS-E-003449 | TY. MIURA | AH. KODAMA | 10. 10. 13 |
| REMARK | | | APPROVED | AO. SUZUKI | 09. 04. 28 |
| | | | CHECKED | KN. ICHIKAWA | 09. 04. 28 |
| | | | DESIGNED | MO. SHIMOYAMA | 09. 04. 28 |
| | | | DRAWN | MO. SHIMOYAMA | 09. 04. 28 |
| Unless otherwise specified, refer to JIS C 5402. | | | | | |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | ELC4-126869-00 | |
|  | SPECIFICATION SHEET | | PART NO. | DH60A-51P | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL244-0043-4-00 |  1/1 |