


| | | | | | | |
|----------------------------|-----------------------------|--|---------------|--------|---------------------------|-----------------|
| APPLICABLE STANDARD | | | | | | |
| RATING | OPERATING TEMPERATURE RANGE | -40°C TO + 85°C (NOTE 1)  | | | STORAGE TEMPERATURE RANGE | -10°C TO + 60°C |
| | VOLTAGE | 250V AC | UL·CSA RATING | 30V AC | | |
| | CURRENT | 2 A | | 2 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 |

ELECTRIC CHARACTERISTICS



| | | | | |
|-----------------------|-----------------------|----------------------------|---|---|
| CONTACT RESISTANCE | 100 mA(DC OR 1000HZ). | 30 mΩ MAX. | X | - |
| INSULATION RESISTANCE | 500 V DC. | 1000 MΩ MIN. | X | - |
| VOLTAGE PROOF | 650 V AC FOR 1 min. | NO FLASHOVER OR BREAKDOWN. | X | - |

MECHANICAL CHARACTERISTICS

| | | | | |
|----------------------|--|--|---|---|
| MECHANICAL OPERATION | 30 TIMES INSERTIONS AND EXTRACTIONS. | ① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| VIBRATION | FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS. | ① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| SHOCK | 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. | ① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |

ENVIRONMENTAL CHARACTERISTICS

| | | | | |
|-----------------------------|--|--|---|---|
| RAPID CHANGE OF TEMPERATURE | TEMPERATURE -55 → 5 TO 35 → +85 → 5 TO 35 °C TIME 30 → 5 MAX → 30 → 5 MAX min UNDER 5 CYCLES. | ① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |
| DAMP HEAT (STEADY STATE) | EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h. | ① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. | X | - |

| COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---------------------------|--------------|----------------|---|
|  1 | DIS-H-008540 | MI. SAKIMURA | HK. UMEHARA | 14. 02. 26 |
| REMARKS | | | APPROVED | TY. OMA 06. 10. 03 |
| NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT. | | | CHECKED | HK. UMEHARA 06. 10. 02 |
| Unless otherwise specified, refer to IEC 60512. | | | DESIGNED | NS. HIROSE 06. 10. 02 |
| | | | DRAWN | AK. MIURA 06. 10. 02 |
| Note QT: Qualification Test AT: Assurance Test X: Applicable Test | | DRAWING NO. | ELG4-313906-00 | |
| HRS | SPECIFICATION SHEET | PART NO. | DF11-*DEP-2A | |
| | HIROSE ELECTRIC CO., LTD. | CODE NO. | CL543 |  1/1 |