

| APPLICABLE STANDARD |                             |                         |                           |                              |
|---------------------|-----------------------------|-------------------------|---------------------------|------------------------------|
| RATING              | OPERATING TEMPERATURE RANGE | -35°C TO +85°C(NOTES 1) | STORAGE TEMPERATURE RANGE | -10°C TO +60°C(NOTES 3)      |
|                     | OPERATING HUMIDITY RANGE    | 20% TO 80%(NOTES 2)     | STORAGE HUMIDITY RANGE    | 40% TO 70%(NOTES 2)(NOTES 3) |
|                     | VOLTAGE                     |                         | APPLICABLE CONNECTOR      | DF81※-50S-0.4H(##)           |
|                     | CURRENT                     |                         | APPLICABLE CABLE          |                              |

### 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 |

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| COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|-------|--------------------------|----------|---------|------|
| △     |                          |          |         |      |

|   |          |              |            |
|---|----------|--------------|------------|
| REMARKS<br>NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT<br>NOTE2: NON CONDENSING<br>NOTE3: THE TERM "STORAGE" REFERS TO PRODUCTS STORED FOR A LONG PERIOD PRIOR TO MOUNTING AND USE. THE OPERATING TEMPERATURE AND HUMIDITY RANGE COVERS THE NON-CONDUCTING CONDITION OF CONNECTORS AFTER BOARD MOUNTING AND THE TEMPORARY STORAGE CONDITIONS OF TRANSPORTATION, etc<br><br>Unless otherwise specified, refer to JIS C 5402,IEC60512. | APPROVED | MH. YAMANE   | 13. 11. 06 |
|   | CHECKED  | MH. TSUCHIDA | 13. 11. 05 |
|   | DESIGNED | AH. MIYAZAKI | 13. 11. 01 |
|   | DRAWN    | AH. MIYAZAKI | 13. 11. 01 |

|  |             |                |
|--|-------------|----------------|
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | DRAWING NO. | ELC4-345361-02 |
|--|-------------|----------------|

|            |                           |          |                   |       |
|------------|---------------------------|----------|-------------------|-------|
| <b>HRS</b> | SPECIFICATION SHEET       | PART NO. | DF81-50P-LCH (52) |       |
|            | HIROSE ELECTRIC CO., LTD. | CODE NO. | CL662-8113-6-52   | △ 1/1 |