

| APPLICABLE STANDARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                       |                           |                                |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|---------------------------|--------------------------------|-----------------------------|
| <div>⚠</div> RATING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OPERATING TEMPERATURE RANGE | -55 °C TO 85 °C <sup>(1) (2)</sup>    | STORAGE TEMPERATURE RANGE | -10 °C TO 60 °C <sup>(3)</sup> |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | VOLTAGE                     | 60 V AC <sup>(5)</sup>                | OPERATING HUMIDITY RANGE  | RH 85 % MAX <sup>(2) (4)</sup> |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CURRENT                     | 0.5 A <sup>(5)</sup>                  | STORAGE HUMIDITY RANGE    | RH 70 % MAX <sup>(3) (4)</sup> |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | APPLICABLE CABLE            | FFC <sup>(6)</sup>                    |                           |                                |                             |
| SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                                       |                           |                                |                             |
| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | TEST METHOD                           |                           | REQUIREMENTS                   | QT AT                       |
| CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |                                       |                           |                                |                             |
| GENERAL EXAMINATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             | VISUALLY AND BY MEASURING INSTRUMENT. |                           | ACCORDING TO DRAWING.          | <div>×</div> <div>×</div>   |
| MARKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             | CONFIRMED VISUALLY.                   |                           |                                | <div>×</div> <div>×</div>   |
| <div> <div> <div></div> <div> <div></div> <div></div> </div> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                                       |                           |                                |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | COUNT                       | DESCRIPTION OF REVISIONS              | DESIGNED                  | CHECKED                        | DATE                        |
| <div>⚠</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                           | DIS-F-004353                          | KN. SHIBUYA               | HT. YAMAGUCHI                  | 09. 12. 15                  |
| REMARKS<br>(1) INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING.<br>(2) OPERATING TEMPERATURE SHOULD BE -55 TO 40°C WHEN HUMIDITY EXCEEDS 80% RH.<br>(3) THE SPECIFICATION IS APPLIED TO THE PRE-ASSEMBLED COMPONENT AND THE CABLE ASSEMBLED PRODUCT BOTH IN DELIVERY AND STORAGE, BEFORE ASSEMBLED TO PCB.<br>(4) THERE MUST NOT BE DEWFALL.<br>(5) IT IS THE MAXIMUM VALUE OF CONNECTOR. CONFIRM THE SPECIFICATION OF THE CABLE.<br>(6) ONLY FFC THAT PROCESSES THE TERMINAL THAT WE SPECIFIED.<br>Unless otherwise specified, refer to JIS-C-5402. |                             |                                       | APPROVED                  | HS. OKAWA                      | 08. 02. 13                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                       | CHECKED                   | HT. YAMAGUCHI                  | 08. 02. 13                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                       | DESIGNED                  | KN. SHIBUYA                    | 08. 02. 13                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                       | DRAWN                     | KN. SHIBUYA                    | 08. 02. 13                  |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                                       | DRAWING NO.               |                                | ELC4-157530-00              |
| <div> <div> <div></div> <div> <div></div> <div></div> </div> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SPECIFICATION SHEET         |                                       | PART NO.                  | FX16-31P-GND (A)               |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HIROSE ELECTRIC CO., LTD.   |                                       | CODE NO.                  | CL575-3212-9-00                | <div>⚠</div> <div>1/1</div> |