Features

1. **Max current of 14A**
   This compact connector is rated up to 14A in the 2 positions version, using 16 AWG wire.

2. **Compact shape designed for wiring through narrow areas**
   The design is optimized for wiring inside conduits and small structures, with a smooth, rounded contour that reduces the chance of snagging or catching inside the conduit or other objects.
   A plastic housing covers the connector, so no metal is exposed to the conduit, preventing accidental shorting. (Fig.1)

3. **IP67 Rated**
   IP67 water resistant when mated. (Fig.2)

4. **Simplified wire insertion**
   Wire and housing seals are pre-installed to provide waterproofing. A simple insertion of the crimped contact into the housing completes the assembly. Contacts and housing are designed to prevent damaging the seals when inserting the contacts.

5. **Positive lock structure**
   A robust locking structure provides a tactile click when mating to prevent incomplete mating and disconnection during wiring.

6. **Compatible with a wide variety of cables**
   Two versions are available with different waterproof wire seal diameters. This variation helps to support the use of a wide array of cable sizes.

7. **Mis-mating prevention with color and guide key options**
   Two housings are available each with different colors and guide keys. This helps to prevent incorrect mating when multiple connectors are used on the same design with the same pin count.

---

In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.
# Product Specifications

## Ratings

<table>
<thead>
<tr>
<th>Current rating (Note 1)</th>
<th>No. of contacts</th>
<th>16 AWG</th>
<th>18 AWG</th>
<th>20 AWG</th>
<th>22 AWG</th>
<th>Operating temperature range</th>
<th>Operating humidity range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>14A</td>
<td>11A</td>
<td>9A</td>
<td>8A</td>
<td>-40°C to 105°C (Note 2)</td>
<td>20% to 80%</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13A</td>
<td>10A</td>
<td>8A</td>
<td>7A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12A</td>
<td>9A</td>
<td>8A</td>
<td>7A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage rating</th>
<th>AC/DC 630V</th>
<th>Storage temperature range</th>
<th>Storage humidity range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>-10°C to 60°C (Note 3)</td>
<td>40% to 70% (Note 3)</td>
</tr>
</tbody>
</table>

### Current rating (Note 1)
- Indicates the allowable current when the maximum current is applied to all pins.
- Please note that a current could exceed the rated value when a higher current is applied through multiple circuits in a branched configuration.

### Note 2
- Includes temperature rise caused by current flow.

### Note 3
- The term "storage" refers to the long-term storage condition of unused products before PCB mounting. Operating temperature/humidity range refers to the non powered state after PCB mounting, and temporary storage during transportation.

## Materials / Finish

<table>
<thead>
<tr>
<th>Product</th>
<th>Parts</th>
<th>Materials</th>
<th>Finish</th>
<th>UL flame retardant grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-line plug crimp contact</td>
<td>Contacts</td>
<td>Copper alloy</td>
<td>Tin plated</td>
<td>—</td>
</tr>
<tr>
<td>Socket crimp contact</td>
<td>Contacts</td>
<td>Copper alloy</td>
<td>Tin plated</td>
<td>—</td>
</tr>
<tr>
<td>In-line plug</td>
<td>Housing</td>
<td>PBT</td>
<td>Black</td>
<td>UL94V-0</td>
</tr>
<tr>
<td>Crimp socket</td>
<td>Housing</td>
<td>PBT</td>
<td>Black</td>
<td>UL94V-0</td>
</tr>
<tr>
<td>Crimp socket</td>
<td>Seal</td>
<td>Silicone rubber</td>
<td>Blue or green</td>
<td>—</td>
</tr>
</tbody>
</table>

## Product Number Structure

Refer to the chart below when determining the product specifications from the product number.

### Connector

**DF 63W - * S - 3.96 C**

1. **Series name**: DF
2. **Series No.**: 63W
3. **Outer diameter of wire insulation**: None: 2.8 to 3.2, A: 1.7 to 2.4
4. **Number of contacts**: 2, 3, 4
5. **Connector type**: S: Socket, EP: In-line plug
6. **Contact pitch**: 3.96mm
7. **Termination style**: C: Crimp socket

### Contact

**DF 63W - 1618 PCF**

1. **Series name**: DF
2. **Series No.**: 63 (W)
3. **Applicable wire size**: 1618: 16 to 18 AWG, 2022: 20 to 22 AWG
4. **Contact type/Packaging type**: SCF: Socket crimp contact, reel, SC: Socket crimp contact, pieces, PCF: In-line plug crimp contact, reel, PC: In-line plug crimp contact, pieces
**In-line plug**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>HRS No.</th>
<th>No. of contacts</th>
<th>Outer diameter of wire insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF63W-2EP-3.96C</td>
<td>680-0605-9</td>
<td>2</td>
<td>2.8 to 3.2</td>
</tr>
<tr>
<td>DF63W-3EP-3.96C</td>
<td>680-0606-1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DF63W-4EP-3.96C</td>
<td>680-0607-4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DF63WA-2EP-3.96C</td>
<td>680-0609-0</td>
<td>2</td>
<td>1.7 to 2.4</td>
</tr>
<tr>
<td>DF63WA-3EP-3.96C</td>
<td>680-0610-9</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DF63WA-4EP-3.96C</td>
<td>680-0611-1</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Standard packaging is 100 pcs/pack. Please place orders in full package quantities.

**Crimp socket**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>HRS No.</th>
<th>No. of contacts</th>
<th>Outer diameter of wire insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF63W-2S-3.96C</td>
<td>680-0613-7</td>
<td>2</td>
<td>2.8 to 3.2</td>
</tr>
<tr>
<td>DF63W-3S-3.96C</td>
<td>680-0614-0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DF63W-4S-3.96C</td>
<td>680-0615-2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>DF63WA-2S-3.96C</td>
<td>680-0617-8</td>
<td>2</td>
<td>1.7 to 2.4</td>
</tr>
<tr>
<td>DF63WA-3S-3.96C</td>
<td>680-0618-0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DF63WA-4S-3.96C</td>
<td>680-0619-3</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Standard packaging is 100 pcs/pack. Please place orders in full package quantities.
DF63W Series 3.96mm pitch compact waterproof connectors for internal power supplies

**In-line plug crimp contact**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>HRS No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF63-1618PCF</td>
<td>680-0529-2</td>
<td>Reel contacts (Note 1)</td>
<td>4,000 pcs/reel</td>
<td>Tin plated</td>
</tr>
<tr>
<td>DF63-1618PC</td>
<td>680-0536-8</td>
<td>Loose piece contacts (Note 2)</td>
<td>100 pcs/pack</td>
<td></td>
</tr>
<tr>
<td>DF63-2022PCF</td>
<td>680-0538-3</td>
<td>Reel contacts (Note 1)</td>
<td>4,000 pcs/reel</td>
<td></td>
</tr>
<tr>
<td>DF63-2022PC</td>
<td>680-0539-6</td>
<td>Loose piece contacts (Note 2)</td>
<td>100 pcs/pack</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Please place orders in full reel quantities.
Note 2: Please place orders in full pack quantities.

**Applicable wire (Tinned Annealed Copper Wire)**

<table>
<thead>
<tr>
<th>Conductor size (Core structure)</th>
<th>Wire type and outer diameter of insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>16AWG (26/0.254mm)</td>
<td>UL1007 (2.4mm)</td>
</tr>
<tr>
<td></td>
<td>UL1015 (3.2mm)</td>
</tr>
<tr>
<td>18AWG (34/0.18mm)</td>
<td>UL1007 (2.1mm)</td>
</tr>
<tr>
<td></td>
<td>UL1015 (2.9mm)</td>
</tr>
<tr>
<td>20AWG (21/0.18mm)</td>
<td>UL1007 (1.9mm)</td>
</tr>
<tr>
<td>22AWG (17/0.16mm)</td>
<td>UL1430 (1.7mm)</td>
</tr>
</tbody>
</table>

Note 1: Please contact our Sales Dept. when using wires other than those recommended above.
Note 2: In case of hard to insert crimped contact to plug socket as like using low stiffness wire which consists of thinner stranded conductor or insulation with soft material, please contact to Hirose representative.

**Socket crimp contact**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>HRS No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF63W-1618SCF</td>
<td>680-0600-5</td>
<td>Reel contacts (Note 1)</td>
<td>4,000 pcs/reel</td>
<td>Tin plated</td>
</tr>
<tr>
<td>DF63W-1618SC</td>
<td>680-0601-8</td>
<td>Loose piece contacts (Note 2)</td>
<td>100 pcs/pack</td>
<td></td>
</tr>
<tr>
<td>DF63W-2022SCF</td>
<td>680-0602-0</td>
<td>Reel contacts (Note 1)</td>
<td>4,000 pcs/reel</td>
<td></td>
</tr>
<tr>
<td>DF63W-2022SC</td>
<td>680-0603-3</td>
<td>Loose piece contacts (Note 2)</td>
<td>100 pcs/pack</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Please place orders in full reel quantities.
Note 2: Please place orders in full pack quantities.

**Applicable wire (Tinned Annealed Copper Wire)**

<table>
<thead>
<tr>
<th>Conductor size (Core structure)</th>
<th>Wire type and outer diameter of insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>16AWG (26/0.254mm)</td>
<td>UL1007 (2.4mm)</td>
</tr>
<tr>
<td></td>
<td>UL1015 (3.2mm)</td>
</tr>
<tr>
<td>18AWG (34/0.18mm)</td>
<td>UL1007 (2.1mm)</td>
</tr>
<tr>
<td></td>
<td>UL1015 (2.9mm)</td>
</tr>
<tr>
<td>20AWG (21/0.18mm)</td>
<td>UL1007 (1.9mm)</td>
</tr>
<tr>
<td>22AWG (17/0.16mm)</td>
<td>UL1430 (1.7mm)</td>
</tr>
</tbody>
</table>

Note 1: Please contact our Sales Dept. when using wires other than those recommended above.
Note 2: In case of hard to insert crimped contact to socket as like using low stiffness wire which consists of thinner stranded conductor or insulation with soft material, please contact to Hirose representative.
### Applicable crimping tools

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>HRS No.</th>
<th>Applicable wire size</th>
<th>Applicable contact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Applicator</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP105-DF63-1618-3</td>
<td>901-4642-0</td>
<td>UL1007 (Note 3)</td>
<td>DF63-1618PCF</td>
<td></td>
</tr>
<tr>
<td>AP105-DF63-1618-4</td>
<td>901-4643-2</td>
<td>UL1015 (Note 3)</td>
<td>DF63-1618SCF</td>
<td></td>
</tr>
<tr>
<td>CHS93500H-UP (Note 6)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP105-DF63-2022-3</td>
<td>901-4646-0</td>
<td>UL1007</td>
<td>DF63-2022PCF</td>
<td></td>
</tr>
<tr>
<td>AP105-DF63-2022SC</td>
<td></td>
<td></td>
<td>20 AWG : UL1007</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>22 AWG : UL1430</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Hand tool (Note 4)</strong></th>
<th>Part No.</th>
<th>HRS No.</th>
<th>Recommended wire size (Note 5)</th>
<th>Applicable contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>HT802/DF63-1618P-1</td>
<td>550-0423-1</td>
<td>16, 18 AWG : UL1007</td>
<td>DF63-1618PC</td>
<td></td>
</tr>
<tr>
<td>HT802/DF63-1618P-2</td>
<td>550-0424-4</td>
<td>16, 18 AWG : UL1015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HT802/DF63-2022P-1</td>
<td>550-0433-0</td>
<td>20, 22 AWG : UL1007</td>
<td>DF63-2022PC</td>
<td></td>
</tr>
<tr>
<td>HT802/DF63W-1618S-1</td>
<td>550-0425-7</td>
<td>16, 18 AWG : UL1007</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HT802/DF63W-1618S-2</td>
<td>550-0426-0</td>
<td>16, 18 AWG : UL1015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HT802/DF63W-2022S-1A</td>
<td>550-0441-0</td>
<td>20 AWG : UL1007</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>22 AWG : UL1430</td>
<td></td>
</tr>
<tr>
<td>HT802/DF63W-2022SC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note 1:** Please follow the "Crimping quality standards (ETAD-H0810, ETAD-H0811)" and "Table of crimping conditions" when crimping contacts.
**Note 2:** Any problems that occur from using tools other than those specified by Hirose, are not covered by warranty.
**Note 3:** Applicator (sold separately) can be changed out to accommodate different wire sizes.
**Note 4:** Hand tool dies cannot be changed out for different wire sizes.
**Note 5:** Please use the recommended wires shown in the table.
**Note 6:** Applicator manufactured by JAPAN AUTOMATIC MACHINE (J.A.M.). Please access to HP of J.A.M., if you make inquiries about the applicator or crimp defect. (URL : http://www.jam-net.co.jp)

### Crimping

**Items required prior to start crimping**

The work-related documents shown below are required before starting the harness connections. (The mark shows the document required.)

When the documents shown below are not available, ask our sales personnel to provide them.

<table>
<thead>
<tr>
<th>Document Title</th>
<th>Description</th>
<th>Automatic Crimping Machine</th>
<th>Hand Crimping Tool</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Main unit of crimping machine instruction manual</td>
<td>Explanation of main press machine unit</td>
<td>●</td>
<td>—</td>
<td>When purchasing main press machine unit, it is bundled.</td>
</tr>
<tr>
<td>(2) Applicator Spare Parts Identification</td>
<td>Explanation for Applicator installation</td>
<td>●</td>
<td>—</td>
<td>When purchasing Applicator, it is bundled.</td>
</tr>
<tr>
<td>(3) Crimp Conditions</td>
<td>Standard values of: Crimp height ; Tensile strength</td>
<td>●</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>(4) Crimp Quality Standards</td>
<td>Various standards for crimping conditions</td>
<td>●</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>(5) Operating instructions for Hand Tool</td>
<td>Inspection items of: Crimp height ; Tensile strength ; and others</td>
<td>—</td>
<td>●</td>
<td>When purchasing Hand Tool, it is bundled.</td>
</tr>
<tr>
<td>(6) Harness Procedure Manual ETAD-H0814-00</td>
<td>Harness procedure</td>
<td>●</td>
<td>●</td>
<td>Ask our sales personal to provide them.</td>
</tr>
</tbody>
</table>

**Tools**

When crimping work is applied to our contacts, the tool designated by Hirose should be used. Crimping work by using tools other than as designated must not be done because it may result in contact failure, disconnection of cable, etc.

*The operating instructions manual is available for the crimping machine and the applicator. Be sure to carefully read the operating instructions manual before implementing the work.*

**Applicable electric wires**

Check that the electric wire to be used is in the range of application. If you intend to use an electric wire other than the recommended one, ask our sales personnel.

**[Precautions]**

- Electric wires that are applicable for crimping connectors shall, principally, be the tin-plated stranded soft-copper wire.
- Crimping of electric wires wherein single wires, polyester yarns, etc., exist and crimping of tin-coated wires should be avoided.
- Avoid crimping two electric wires together.
- The setting values of crimp height (Note 1) may vary between tin-plated and gold-plated terminals even if the same electric wires are used.
- The setting values of crimp height (Note 1) may vary depending on the difference in the core wire configuration even if the computed cross-sectional area is the same.

**Note 1:** The crimp height is an important item that determines crimping quality. We execute crimping tests for each electric wire to ensure the optimal value for the crimp height with high precision, thereby ensuring optimal setup values.

### Precautions

1. Forcibly removing a connector may damage it. If it is stuck, first push it in slightly and then release the lock to remove.
2. Please use care when connecting a short, thick wire so as not to twist it. If twisted, damage to the contact may occur.
3. Be sure to turn the power off before mating/unmating the connector.
4. To avoid electrical shock, do not touch the powered contacts.
5. Please refer to the following documents.

### About the ratings

Do not use connectors with currents and voltages that exceed their ratings. Do not mate/unmate powered contacts (Note 1)

**Note 1:** "Live" contacts refer to the contacts that are in a powered or energized state. Mating or unmating "live" contacts can result in electrical shock and injury.

### About operating environments

Please contact us if you wish to use the connectors in an environment with repeated temperature fluctuations.
**USA:**
HOIROSE ELECTRIC (U.S.A.), INC. HEADQUARTERS CHICAGO OFFICE
2300 Warrenville Road, Suite 150, Downers Grove, IL 60515
Phone: +1-630-282-6700
http://www.hirose.com/us/

**USA:**
HOIROSE ELECTRIC (U.S.A.), INC. SAN JOSE OFFICE
2841 Junction Ave, Suite 200
San Jose, CA. 95134
Phone: +1-408-253-9640
Fax: +1-408-253-9641
http://www.hirose.com/us/

**USA:**
HOIROSE ELECTRIC (U.S.A.), INC. DETROIT OFFICE (AUTOMOTIVE)
17197 N. Laurel Park Drive, Suite 253, Livonia, MI 48152
Phone: +1-734-542-9963
Fax: +1-734-542-9964
http://www.hirose.com/us/

**THE NETHERLANDS:**
HOIROSE ELECTRIC EUROPE B.V.
Hogeheuvelweg # 8 1101 CC Amsterdam Z-O
Phone: +31-20-6557460
Fax: +31-20-6557469
http://www.hirose.com/eu/

**GERMANY:**
HOIROSE ELECTRIC EUROPE B.V. GERMAN BRANCH
Schoenbergerstr. 20, 73760 ostfildern
Phone: +49-711-456002-1
Fax: +49-711-456002-299
http://www.hirose.com/eu/

**USA:**
HIROSE ELECTRIC (U.S.A.), INC. BOSTON OFFICE
300 Brickstone Square Suite 201,
Andover, MA 01810
Phone: +1-978-662-5255

**USA:**
HIROSE ELECTRIC (U.S.A.), INC. HEADQUARTERS CHICAGO OFFICE
2300 Warrenville Road, Suite 150, Downers Grove, IL 60515
Phone: +1-630-282-6700
http://www.hirose.com/us/

**USA:**
HIROSE ELECTRIC (U.S.A.), INC. DETROIT OFFICE (AUTOMOTIVE)
17197 N. Laurel Park Drive, Suite 253, Livonia, MI 48152
Phone: +1-734-542-9963
Fax: +1-734-542-9964
http://www.hirose.com/us/

**THE NETHERLANDS:**
HOIROSE ELECTRIC EUROPE B.V.
Hogeheuvelweg # 8 1101 CC Amsterdam Z-O
Phone: +31-20-6557460
Fax: +31-20-6557469
http://www.hirose.com/eu/

**GERMANY:**
HOIROSE ELECTRIC EUROPE B.V. GERMAN BRANCH
Schoenbergerstr. 20, 73760 ostfildern
Phone: +49-711-456002-1
Fax: +49-711-456002-299
http://www.hirose.com/eu/

**THE NETHERLANDS:**
HOIROSE ELECTRIC EUROPE B.V. NUREMBERG OFFICE
Neumeyerstrasse 22-26, 90411 Nurnberg
Phone: +49-911 32 68 89 63
Fax: +49-911 32 68 89 69
http://www.hirose.com/eu/

**GERMANY:**
HOIROSE ELECTRIC EUROPE B.V. HANOVER OFFICE
Bayernstr. 3, Haus C 30855 Langenhagen, Germany
Phone: +49-511 97 82 61 30
Fax: +49-511 97 82 61 35
http://www.hirose.com/eu/

**France:**
HIROSE ELECTRIC EUROPE B.V. PARIS OFFICE
130 Avenue Joseph Kessel, Bat E, 78960 Voisins le Bretonneux, France
Phone: +33-1-85764823
Fax: +33-1-85764886

**Germany:**
HOIROSE ELECTRIC EUROPE B.V. GERMAN BRANCH
Schoenbergstr. 20, 73360 ostfildern
Phone: +49-711-456002-1
Fax: +49-711-456002-299
http://www.hirose.com/eu/

**Germany:**
HOIROSE ELECTRIC EUROPE B.V. NUREMBERG OFFICE
Neumeyerstrasse 22-26, 90411 Nurnberg
Phone: +49-911 32 68 89 63
Fax: +49-911 32 68 89 69
http://www.hirose.com/eu/

**Germany:**
HOIROSE ELECTRIC EUROPE B.V. HANOVER OFFICE
Bayernstr. 3, Haus C 30855 Langenhagen, Germany
Phone: +49-511 97 82 61 30
Fax: +49-511 97 82 61 35
http://www.hirose.com/eu/

**USA:**
HIROSE ELECTRIC (U.S.A.), INC. SAN JOSE OFFICE
2841 Junction Ave, Suite 200
San Jose, CA. 95134
Phone: +1-408-253-9640
Fax: +1-408-253-9641
http://www.hirose.com/us/

**USA:**
HIROSE ELECTRIC (U.S.A.), INC. DETROIT OFFICE (AUTOMOTIVE)
17197 N. Laurel Park Drive, Suite 253, Livonia, MI 48152
Phone: +1-734-542-9963
Fax: +1-734-542-9964
http://www.hirose.com/us/

**China:**
HIROSE ELECTRIC (CHINA) CO., LTD. SHENZHEN BRANCH
Room 09-13, 19/F, Office Tower Shun Hing Square, Di Wang Commercial Centre, 5002 Shen Nan Dong Road, Shenzhen City, Guangdong Province, 518008
Phone: +86-755-8207-0851
Fax: +86-755-8207-0873
http://www.hirose.com/cn/

**China:**
HIROSE ELECTRIC (CHINA) CO., LTD. BEIJING BRANCH
2105, East 3rd Ring Road, Chaoyang District, Beijing, 100025
Phone: +86-10-5165-9332
Fax: +86-10-5908-1381
http://www.hirose.com/cn/

**China:**
HIROSE ELECTRIC (CHINA) CO., LTD. SHANGHAI, HEADQUARTERS
18, Enterprise Center Tower 2, 209# Gong He Road, Jing’an District, Shanghai, CHINA 200070
Phone: +86-21-6391-3355
Fax: +86-21-6391-3335
http://www.hirose.com/cn/

**China:**
HIROSE ELECTRIC (CHINA) CO., LTD. BEIJING BRANCH
103 8F, No.87, Zhengzhou Rd., Taipei
Phone: +886-2-2555-7377
Fax: +886-2-2555-7355
http://www.hirose.com/tw/

**China:**
HIROSE ELECTRIC (CHINA) CO., LTD. BEIJING BRANCH
A1001, Ocean International Center, Building 56th East 4th Ring Middle Road, Chaoyang District, Beijing, 100025
Phone: +86-10-5165-9332
Fax: +86-10-5908-1381
http://www.hirose.com/cn/

**India:**
HIROSE ELECTRIC SINGAPORE PTE. LTD. DELHI LIAISON OFFICE
Unit No.552, Regus-Green Boulevard, Level5, Tower C, Sec82, Plot B-9A, Block B, Noida, 201301, Uttar Pradesh, India
Phone: +91-12-660-8018
Fax: +91-12-660-8018
http://www.hirose.com/sg/

**India:**
HIROSE ELECTRIC SINGAPORE PTE. LTD. BANGALORE LIAISON OFFICE
Unit No-403, 4th Floor, No-84, Barton Centre, Mahatma Gandhi (MG) Road, Bangalore 560 001, Karnataka, India
Phone: +91-80-4120 1907
Fax: +91-80-4120 9908
http://www.hirose.com/sg/

**Thailand:**
BANGKOK OFFICE (REPRESENTATIVE OFFICE)
Unit 4703, 47th FL., 1 Empire Tower, South Sathorn Road, Yanawa, Sathorn, Bangkok 10120 Thailand
Phone: +66-2-686-1255
Fax: +66-2-686-3433
http://www.hirose.com/sg/