

Mating harness

LEB Series  
LDC Series

| Model   | Harness model #      |         |              |
|---------|----------------------|---------|--------------|
|         | Input                | Output  | Option: -Z □ |
| LEB100F | H-IN-5 or<br>H-IN-10 | H-OU-23 | H-OU-25      |
| LEB150F |                      | H-OU-23 |              |
| LEB225F |                      | H-OU-24 |              |

| Model  | Harness model #      |         |
|--------|----------------------|---------|
|        | Input                | Output  |
| LDC15F | H-IN-5 or<br>H-IN-10 | H-OU-13 |
| LDC30F |                      | H-OU-14 |
| LDC60F |                      | H-OU-19 |

| <p>●Model number</p> <h2>H-IN-5</h2> <p>Housing : VHR-5N (J.S.T.)<br/>Pin : SVH-21T-P1.1 (J.S.T.)<br/>Weight : 30g max</p>  | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length<br/>ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>UL1015</td> <td>18</td> <td>white</td> <td>500</td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>UL1015</td> <td>18</td> <td>green</td> <td>500</td> </tr> </tbody> </table>   | Pin #        | Wire             | AWG | Color | Length<br>ℓ (mm) | 1    | UL1015 | 18 | black  | 500 | 2    |        |    |       |     | 3 | UL1015 | 18 | white  | 500 | 4    |        |    |       |     | 5    | UL1015 | 18 | green        | 500 |
|---|--------------|---|--------------|------------------|-----|-------|------------------|------|--------|----|--------|-----|------|--------|----|-------|-----|---|--------|----|--------|-----|------|--------|----|-------|-----|------|--------|----|--------------|-----|
| Pin #   | Wire         | AWG   | Color        | Length<br>ℓ (mm) |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 1   | UL1015       | 18  | black        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 2   |              |   |              |                  |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 3   | UL1015       | 18  | white        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 4   |              |   |              |                  |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 5   | UL1015       | 18  | green        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| <p>●Model number</p> <h2>H-IN-10</h2> <p>Housing : VHR-5N (J.S.T.)<br/>Pin : SVH-21T-P1.1 (J.S.T.)<br/>Weight : 30g max</p> | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length<br/>ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>UL1015</td> <td>18</td> <td>white</td> <td>500</td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>UL1015</td> <td>18</td> <td>green/yellow</td> <td>500</td> </tr> </tbody> </table>                                  | Pin #        | Wire             | AWG | Color | Length<br>ℓ (mm) | 1    | UL1015 | 18 | black  | 500 | 2    |        |    |       |     | 3 | UL1015 | 18 | white  | 500 | 4    |        |    |       |     | 5    | UL1015 | 18 | green/yellow | 500 |
| Pin #   | Wire         | AWG   | Color        | Length<br>ℓ (mm) |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 1   | UL1015       | 18  | black        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 2   |              |   |              |                  |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 3   | UL1015       | 18  | white        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 4   |              |   |              |                  |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 5   | UL1015       | 18  | green/yellow | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| <p>●Model number</p> <h2>H-OU-13</h2> <p>Housing : XHP-8 (J.S.T.)<br/>Pin : SXH-001T-P0.6 (J.S.T.)<br/>Weight : 25g max</p> | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length<br/>ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1, 2</td> <td>UL1007</td> <td>22</td> <td>red</td> <td>500</td> </tr> <tr> <td>3, 4</td> <td>UL1007</td> <td>22</td> <td>black</td> <td>500</td> </tr> <tr> <td>5</td> <td>UL1007</td> <td>22</td> <td>orange</td> <td>500</td> </tr> <tr> <td>6, 7</td> <td>UL1007</td> <td>22</td> <td>gray</td> <td>500</td> </tr> <tr> <td>8</td> <td>UL1007</td> <td>22</td> <td>purple</td> <td>500</td> </tr> </tbody> </table> | Pin #        | Wire             | AWG | Color | Length<br>ℓ (mm) | 1, 2 | UL1007 | 22 | red    | 500 | 3, 4 | UL1007 | 22 | black | 500 | 5 | UL1007 | 22 | orange | 500 | 6, 7 | UL1007 | 22 | gray  | 500 | 8    | UL1007 | 22 | purple       | 500 |
| Pin #   | Wire         | AWG   | Color        | Length<br>ℓ (mm) |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 1, 2  | UL1007       | 22  | red          | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 3, 4  | UL1007       | 22  | black        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 5   | UL1007       | 22  | orange       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 6, 7  | UL1007       | 22  | gray         | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 8   | UL1007       | 22  | purple       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| <p>●Model number</p> <h2>H-OU-14</h2> <p>Housing : VHR-6N (J.S.T.)<br/>Pin : SVH-21T-P1.1 (J.S.T.)<br/>Weight : 60g max</p> | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length<br/>ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>purple</td> <td>500</td> </tr> <tr> <td>2, 3</td> <td>UL1015</td> <td>18</td> <td>gray</td> <td>500</td> </tr> <tr> <td>4</td> <td>UL1015</td> <td>18</td> <td>orange</td> <td>500</td> </tr> <tr> <td>5</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>6</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>       | Pin #        | Wire             | AWG | Color | Length<br>ℓ (mm) | 1    | UL1015 | 18 | purple | 500 | 2, 3 | UL1015 | 18 | gray  | 500 | 4 | UL1015 | 18 | orange | 500 | 5    | UL1015 | 18 | black | 500 | 6    | UL1015 | 18 | red          | 500 |
| Pin #   | Wire         | AWG   | Color        | Length<br>ℓ (mm) |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 1   | UL1015       | 18  | purple       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 2, 3  | UL1015       | 18  | gray         | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 4   | UL1015       | 18  | orange       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 5   | UL1015       | 18  | black        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 6   | UL1015       | 18  | red          | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| <p>●Model number</p> <h2>H-OU-19</h2> <p>Housing : VHR-8N (J.S.T.)<br/>Pin : SVH-21T-P1.1 (J.S.T.)<br/>Weight : 80g max</p> | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length<br/>ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>purple</td> <td>500</td> </tr> <tr> <td>2, 3</td> <td>UL1015</td> <td>18</td> <td>gray</td> <td>500</td> </tr> <tr> <td>4</td> <td>UL1015</td> <td>18</td> <td>orange</td> <td>500</td> </tr> <tr> <td>5, 6</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>7, 8</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table> | Pin #        | Wire             | AWG | Color | Length<br>ℓ (mm) | 1    | UL1015 | 18 | purple | 500 | 2, 3 | UL1015 | 18 | gray  | 500 | 4 | UL1015 | 18 | orange | 500 | 5, 6 | UL1015 | 18 | black | 500 | 7, 8 | UL1015 | 18 | red          | 500 |
| Pin #   | Wire         | AWG   | Color        | Length<br>ℓ (mm) |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 1   | UL1015       | 18  | purple       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 2, 3  | UL1015       | 18  | gray         | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 4   | UL1015       | 18  | orange       | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 5, 6  | UL1015       | 18  | black        | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |
| 7, 8  | UL1015       | 18  | red          | 500              |     |       |                  |      |        |    |        |     |      |        |    |       |     |   |        |    |        |     |      |        |    |       |     |      |        |    |              |     |

●Model number  
**H-OU-23**

Housing : VHR-8N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 80g max

●Type

●Wire

| Pin # | Wire   | AWG | Color  | Length $l$ (mm) |
|-------|--------|-----|--------|-----------------|
| 1, 2  | UL1015 | 18  | gray   | 500             |
| 3, 4  | UL1015 | 18  | orange | 500             |
| 5, 6  | UL1015 | 18  | black  | 500             |
| 7, 8  | UL1015 | 18  | red    | 500             |

●Model number  
**H-OU-24**

Housing : VHR-10N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 100g max

●Type

●Wire

| Pin #   | Wire   | AWG | Color  | Length $l$ (mm) |
|---------|--------|-----|--------|-----------------|
| 1, 2, 3 | UL1015 | 18  | gray   | 500             |
| 4, 5, 6 | UL1015 | 18  | orange | 500             |
| 7, 8    | UL1015 | 18  | black  | 500             |
| 9, 10   | UL1015 | 18  | red    | 500             |

●Model number  
**H-OU-25**

Housing : XHP-3 (J.S.T.)  
Pin : SXH-001-P0.6 (J.S.T.)  
Weight : 10g max

●Type

●Wire

| Pin # | Wire   | AWG | Color  | Length $l$ (mm) |
|-------|--------|-----|--------|-----------------|
| 1     | UL1007 | 22  | orange | 500             |
| 2     | UL1007 | 22  | gray   | 500             |
| 3     | UL1007 | 22  | purple | 500             |

Harness for remote ON/OFF(R type) is prepared in LDA, LEA, LEB, LEP, LFA, LFP & LMA series.

LDA Series  
 LEA Series  
 LEB Series  
 LEP Series  
 LFA Series  
 LFP Series  
 LMA Series

Mating harness

| Model  | Harness model # |
|--|-----------------|
| LDA50F, LDA75F, LDA100W, LDA150W, LDA300W                              | H-RC-1          |
| LEA50F, LEA75F, LEA100F, LEA150F, LEP100F, LEP150F, LEP240F            |                 |
| LEB100F, LEB150F, LEB225F  |                 |
| LFA100F, LFA150F, LFA240F, LFA300F, LFP100F, LFP150F, LFP240F, LFP300F |                 |
| LMA100F, LMA150F, LMA240F  |                 |

| <p>●Model number</p> <p><b>H-RC-1</b></p> <p>Housing : XHP-2 (J.S.T.)<br/>                 Pin : SXH-001T-P0.6 (J.S.T.)<br/>                 Weight : 7g max</p> | <p>●Type</p> | <p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length <math>l</math> (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1007</td> <td>22</td> <td>orange</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>22</td> <td>blue</td> <td>500</td> </tr> </tbody> </table> | Pin #  | Wire            | AWG | Color | Length $l$ (mm) | 1 | UL1007 | 22 | orange | 500 | 2 | UL1007 | 22 | blue | 500 |
|--|--------------|--|--------|-----------------|-----|-------|-----------------|---|--------|----|--------|-----|---|--------|----|------|-----|
| Pin #  | Wire         | AWG  | Color  | Length $l$ (mm) |     |       |                 |   |        |    |        |     |   |        |    |      |     |
| 1  | UL1007       | 22   | orange | 500             |     |       |                 |   |        |    |        |     |   |        |    |      |     |
| 2  | UL1007       | 22   | blue   | 500             |     |       |                 |   |        |    |        |     |   |        |    |      |     |