

## Optional\_harness

### Input Harness

<b>Model</b> HA-1-IN <b>Housing</b> XHP-7 <b>Terminal Pin</b> SXH-001T-P0.6 (J.S.T)		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Cable</th> <th>AWG</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1007</td> <td>22</td> <td>Black</td> </tr> <tr> <td>2, 3</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>4</td> <td>UL1007</td> <td>22</td> <td>White</td> </tr> <tr> <td>5, 6</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>7</td> <td>UL1007</td> <td>22</td> <td>Green</td> </tr> </tbody> </table>	Pin No.	Cable	AWG	Color	1	UL1007	22	Black	2, 3		NC		4	UL1007	22	White	5, 6		NC		7	UL1007	22	Green
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7	UL1007	22	Green																							
<b>Model</b> HA-2-IN <b>Housing</b> VHR-5N <b>Terminal Pin</b> SVH-21T-P1.1 (J.S.T)		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Cable</th> <th>AWG</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>Black</td> </tr> <tr> <td>2</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>3</td> <td>UL1015</td> <td>18</td> <td>White</td> </tr> <tr> <td>4</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>5</td> <td>UL1015</td> <td>18</td> <td>Green</td> </tr> </tbody> </table>	Pin No.	Cable	AWG	Color	1	UL1015	18	Black	2		NC		3	UL1015	18	White	4		NC		5	UL1015	18	Green
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<b>Model</b> HA-3-IN <b>Housing</b> 1-178128-5 1-175218-2 or 1-175218-3 (AMP) <b>Terminal Pin</b>		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Cable</th> <th>AWG</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1015</td> <td>18</td> <td>Black</td> </tr> <tr> <td>2</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>3</td> <td>UL1015</td> <td>18</td> <td>White</td> </tr> <tr> <td>4</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>5</td> <td>UL1015</td> <td>18</td> <td>Yellow/Green</td> </tr> </tbody> </table>	Pin No.	Cable	AWG	Color	1	UL1015	18	Black	2		NC		3	UL1015	18	White	4		NC		5	UL1015	18	Yellow/Green
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### Signal Harness

<b>Model</b> HWS-HA-01 <b>Housing</b> PHDR-12VS (J.S.T) <b>Terminal Pin</b> SPHD-001T-P0.5 (J.S.T)		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Cable</th> <th>AWG</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1, 2</td> <td>UL1007</td> <td>24</td> <td>Red</td> </tr> <tr> <td>3, 4</td> <td>UL1007</td> <td>24</td> <td>Black</td> </tr> <tr> <td>5, 6</td> <td></td> <td>NC</td> <td></td> </tr> <tr> <td>7, 8</td> <td>UL1007</td> <td>24</td> <td>brown</td> </tr> <tr> <td>9, 10</td> <td>UL1007</td> <td>24</td> <td>Yellow</td> </tr> <tr> <td>11, 12</td> <td></td> <td>NC</td> <td></td> </tr> </tbody> </table>	Pin No.	Cable	AWG	Color	1, 2	UL1007	24	Red	3, 4	UL1007	24	Black	5, 6		NC		7, 8	UL1007	24	brown	9, 10	UL1007	24	Yellow	11, 12		NC																									
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<b>Model</b> HWS-HA-02 <b>Housing</b> PHDR-12VS (J.S.T) <b>Terminal Pin</b> SPHD-001T-P0.5 (J.S.T)		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Cable</th> <th>AWG</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1007</td> <td>24</td> <td>Red</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>24</td> <td>orange</td> </tr> <tr> <td>3</td> <td>UL1007</td> <td>24</td> <td>Black</td> </tr> <tr> <td>4</td> <td>UL1007</td> <td>24</td> <td>blue</td> </tr> <tr> <td>5</td> <td>UL1007</td> <td>24</td> <td>brown</td> </tr> <tr> <td>6</td> <td>UL1007</td> <td>24</td> <td>Black</td> </tr> <tr> <td>7</td> <td>UL1007</td> <td>24</td> <td>Yellow</td> </tr> <tr> <td>8</td> <td>UL1007</td> <td>24</td> <td>brown</td> </tr> <tr> <td>9</td> <td>UL1007</td> <td>24</td> <td>Yellow</td> </tr> <tr> <td>10</td> <td>UL1007</td> <td>24</td> <td>Black</td> </tr> <tr> <td>11</td> <td>UL1007</td> <td>24</td> <td>blue</td> </tr> <tr> <td>12</td> <td>UL1007</td> <td>24</td> <td>Black</td> </tr> </tbody> </table>	Pin No.	Cable	AWG	Color	1	UL1007	24	Red	2	UL1007	24	orange	3	UL1007	24	Black	4	UL1007	24	blue	5	UL1007	24	brown	6	UL1007	24	Black	7	UL1007	24	Yellow	8	UL1007	24	brown	9	UL1007	24	Yellow	10	UL1007	24	Black	11	UL1007	24	blue	12	UL1007	24	Black
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<b>Model</b> HWS-HA-KIT01 <b>Housing</b> PHDR-12VS (J.S.T) <b>Terminal Pin</b> SPHD-001T-P0.5 (J.S.T)	<p>Housing 1pcs      Terminal Pin 20pcs</p>	<p>※ Housing, an application wire rod and the crimp tool please use an article of the maker designation.</p>																																																				