

AEA Series

Harness to use the function of AEA Series is prepared.
 * Please see the our company home page or consult us about detailed information.

Mating harness

Model	Harness model #	Contents
AEA Series	H-PA-17	Harness for parallel operation (CN1,CN2)
	H-IN-11	Input harness when I/O interface is connector type (option:-J)
	H-OU-53	Output harness when I/O interface is connector type (option:-J)
	H-SN-39	Harness for using functions of CN4 (option:-I4)
	H-SN-71	Harness for using functions of CN3 (option:-R3 and -I4)

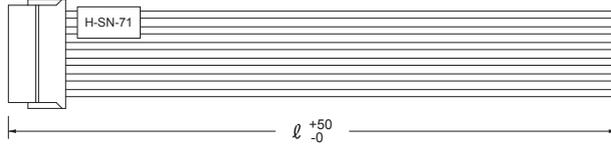
<p>●Model number H-PA-17</p> <p>Housing : PHR-2 (J.S.T.) Pin : SPH-002T-P0.5S (J.S.T.) Weight : 4g max</p>	<p>●Type</p>	<p>●Wire</p> <table border="1"> <thead> <tr> <th>Pin #</th> <th>Wire</th> <th>AWG</th> <th>Color</th> <th>Length ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1007</td> <td>26</td> <td>yellow</td> <td>200</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>26</td> <td>orange</td> <td>200</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	26	yellow	200	2	UL1007	26	orange	200																																																		
Pin #	Wire	AWG	Color	Length ℓ (mm)																																																															
1	UL1007	26	yellow	200																																																															
2	UL1007	26	orange	200																																																															
<p>●Model number H-IN-11</p> <p>Housing : 1-178129-6(TE Connectivity) Pin : 1-175218-5 equivalent goods (TE Connectivity) Weight : 45g 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 ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>B 1</td> <td>UL1015</td> <td>18</td> <td>white</td> <td>500</td> </tr> <tr> <td>A 1</td> <td>UL1015</td> <td>18</td> <td>white</td> <td>500</td> </tr> <tr> <td>B 2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>A 2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B 3</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>A 3</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	B 1	UL1015	18	white	500	A 1	UL1015	18	white	500	B 2	-	-	-	-	A 2	-	-	-	-	B 3	UL1015	18	black	500	A 3	UL1015	18	black	500																														
Pin #	Wire	AWG	Color	Length ℓ (mm)																																																															
B 1	UL1015	18	white	500																																																															
A 1	UL1015	18	white	500																																																															
B 2	-	-	-	-																																																															
A 2	-	-	-	-																																																															
B 3	UL1015	18	black	500																																																															
A 3	UL1015	18	black	500																																																															
<p>●Model number H-OU-53</p> <p>Housing : 178289-6(TE connectivity) Pin : 1-353717-5 equivalent goods (TE connectivity) Weight : 120g 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 ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>B 1</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>A 1</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>B 2</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>A 2</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>B 3</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>A 3</td> <td>UL1007</td> <td>16</td> <td>red</td> <td>500</td> </tr> <tr> <td>B 4</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> <tr> <td>A 4</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> <tr> <td>B 5</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> <tr> <td>A 5</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> <tr> <td>B 6</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> <tr> <td>A 6</td> <td>UL1007</td> <td>16</td> <td>black</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	B 1	UL1007	16	red	500	A 1	UL1007	16	red	500	B 2	UL1007	16	red	500	A 2	UL1007	16	red	500	B 3	UL1007	16	red	500	A 3	UL1007	16	red	500	B 4	UL1007	16	black	500	A 4	UL1007	16	black	500	B 5	UL1007	16	black	500	A 5	UL1007	16	black	500	B 6	UL1007	16	black	500	A 6	UL1007	16	black	500
Pin #	Wire	AWG	Color	Length ℓ (mm)																																																															
B 1	UL1007	16	red	500																																																															
A 1	UL1007	16	red	500																																																															
B 2	UL1007	16	red	500																																																															
A 2	UL1007	16	red	500																																																															
B 3	UL1007	16	red	500																																																															
A 3	UL1007	16	red	500																																																															
B 4	UL1007	16	black	500																																																															
A 4	UL1007	16	black	500																																																															
B 5	UL1007	16	black	500																																																															
A 5	UL1007	16	black	500																																																															
B 6	UL1007	16	black	500																																																															
A 6	UL1007	16	black	500																																																															
<p>●Model number H-SN-39</p> <p>Housing : PHDR-08VS (J.S.T.) Pin : SPHD-002T-P0.5 (J.S.T.) Weight : 6g 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 ℓ (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>UL1061</td> <td>28</td> <td>blue</td> <td>500</td> </tr> <tr> <td>4</td> <td>UL1061</td> <td>28</td> <td>brown</td> <td>500</td> </tr> <tr> <td>5</td> <td>UL1061</td> <td>28</td> <td>yellow</td> <td>500</td> </tr> <tr> <td>6</td> <td>UL1061</td> <td>28</td> <td>gray</td> <td>500</td> </tr> <tr> <td>7</td> <td>UL1061</td> <td>28</td> <td>orange</td> <td>500</td> </tr> <tr> <td>8</td> <td>UL1061</td> <td>28</td> <td>purple</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1					2					3	UL1061	28	blue	500	4	UL1061	28	brown	500	5	UL1061	28	yellow	500	6	UL1061	28	gray	500	7	UL1061	28	orange	500	8	UL1061	28	purple	500																				
Pin #	Wire	AWG	Color	Length ℓ (mm)																																																															
1																																																																			
2																																																																			
3	UL1061	28	blue	500																																																															
4	UL1061	28	brown	500																																																															
5	UL1061	28	yellow	500																																																															
6	UL1061	28	gray	500																																																															
7	UL1061	28	orange	500																																																															
8	UL1061	28	purple	500																																																															

●Model number

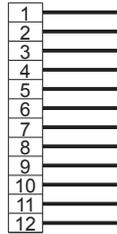
H-SN-71

Housing : PHDR-12VS (J.S.T.)
 Pin : SPHD-002T-P0.5 (J.S.T.)
 Weight : 22g max

●External view



●Wiring diagram



●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1061	24	orange	500
2	UL1061	24	white	500
3	UL1061	24	red	500
4	UL1061	24	blue	500
5	UL1061	24	red	500
6	UL1061	24	blue	500
7	UL1061	28	brown	500
8	UL1061	28	green	500
9	UL1061	28	purple	500
10	UL1061	28	black	500
11	UL1061	28	yellow	500
12	UL1061	28	grey	500