

Mating harness

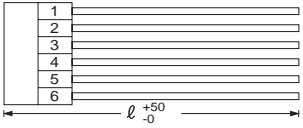
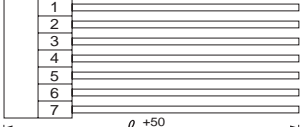
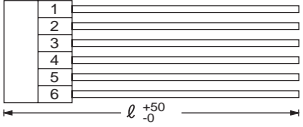
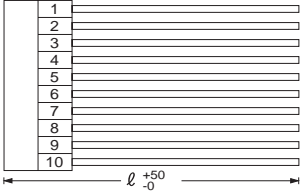
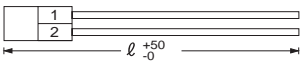
Model	Harness model #	
	Input	Output
LCA10S	H-IN-4	H-OU-7
LCA15S	H-IN-4	H-OU-8
LCA30S		H-OU-9
LCA50S, *LGA50A	H-IN-5 or	H-OU-9
LCA75S, *LGA75A		H-OU-18
LCA100S, *LGA100A		H-OU-10
LCA150S, *LGA150A	H-IN-10	H-OU-11
*LGA240A, *LFA300F		H-OU-12
SNA-01,-03	H-IN-14	H-OU-11
SNA-06	H-OU-8	H-OU-8
SNR-10	H-OU-9	H-OU-9
	H-OU-18	H-OU-18

Model	Harness model #	
	Input	Output
LDA10F	H-IN-5 or H-IN-10	H-OU-8
LDA15F		H-OU-8
LDA30F, *LFA30F		H-OU-9
LDA50F, LEA50F, *LFA50F		H-OU-9
LDA75F, LEA75F, *LFA75F		H-OU-18
LDA100W, LEA100F, *LFA100F		H-OU-10
LEP100F, 150F, 240F		H-OU-11
		H-OU-12
LDA150W, LEA150F, *LFA150F, *LFA240F		H-OU-34
*LFA10F		H-OU-34
*LFA15F	H-OU-34	
*LDA300W	H-IN-7	H-OU-22

LCA Series
LGA Series
LDA Series
LEA Series
LEP Series
LFA Series
SNA Series
SNR Series

* Optional : connector type "-J" (LDA300W)
* Optional : connector type "-J1" (LGA50A, 75A, 100A, 150A, 240A)
* Optional : connector type "-J1" (LFA10F, 15F, 30F, 50F, 75F, 100F, 150F, 240F, 300F)

<p>● Model number H-IN-4 Housing : XHP-7 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.)</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>22</td> <td>black</td> <td>500</td> </tr> <tr> <td>2, 3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>UL1007</td> <td>22</td> <td>white</td> <td>500</td> </tr> <tr> <td>5, 6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>UL1007</td> <td>22</td> <td>green</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2, 3					4	UL1007	22	white	500	5, 6					7	UL1007	22	green	500
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2, 3																																
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5, 6																																
7	UL1007	22	green	500																												
<p>● Model number H-IN-5 Housing : VHR-5N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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>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 ℓ (mm)	1	UL1015	18	black	500	2					3	UL1015	18	white	500	4					5	UL1015	18	green	500
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2																																
3	UL1015	18	white	500																												
4																																
5	UL1015	18	green	500																												
<p>● Model number H-IN-7 Housing : 1-178128-5 (Tyco Electronics) Pin : 1-175218-2 or 1-175218-3 (Tyco Electronics)</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>UL1015</td> <td>18</td> <td>white</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>black</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 ℓ (mm)	1	UL1015	18	white	500	2					3	UL1015	18	black	500	4					5	UL1015	18	green/yellow	500
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<p>● Model number H-IN-10 Housing : VHR-5N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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>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 ℓ (mm)	1	UL1015	18	black	500	2					3	UL1015	18	white	500	4					5	UL1015	18	green/yellow	500
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<p>● Model number H-IN-14 Housing : VHR-8N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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, 2</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4, 5</td> <td>UL1015</td> <td>18</td> <td>white</td> <td>500</td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7, 8</td> <td>UL1015</td> <td>18</td> <td>green</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1, 2	UL1015	18	black	500	3					4, 5	UL1015	18	white	500	6					7, 8	UL1015	18	green	500
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3																																
4, 5	UL1015	18	white	500																												
6																																
7, 8	UL1015	18	green	500																												
<p>● Model number H-OU-7 Housing : XHP-2 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.)</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>22</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>22</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2	UL1007	22	red	500															
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2	UL1007	22	red	500																												
<p>● Model number H-OU-8 Housing : XHP-4 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.)</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>22</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>22</td> <td>black</td> <td>500</td> </tr> <tr> <td>3</td> <td>UL1007</td> <td>22</td> <td>red</td> <td>500</td> </tr> <tr> <td>4</td> <td>UL1007</td> <td>22</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2	UL1007	22	black	500	3	UL1007	22	red	500	4	UL1007	22	red	500					
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2	UL1007	22	black	500																												
3	UL1007	22	red	500																												
4	UL1007	22	red	500																												
<p>● Model number H-OU-9 Housing : VHR-4N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>3</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> <tr> <td>4</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	black	500	2	UL1015	18	black	500	3	UL1015	18	red	500	4	UL1015	18	red	500					
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2	UL1015	18	black	500																												
3	UL1015	18	red	500																												
4	UL1015	18	red	500																												
<p>● Model number H-OU-10 Housing : VHR-8N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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 - 4</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>5 - 8</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 4	UL1015	18	black	500	5 - 8	UL1015	18	red	500															
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1 - 4	UL1015	18	black	500																												
5 - 8	UL1015	18	red	500																												

<p>●Model number H-OU-11 Housing : VHR-6N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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 - 6</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length l (mm)	1 - 6	UL1015	18	red	500					
Pin #	Wire	AWG	Color	Length l (mm)													
1 - 6	UL1015	18	red	500													
<p>●Model number H-OU-12 Housing : VHR-7N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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 - 7</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length l (mm)	1 - 7	UL1015	18	black	500					
Pin #	Wire	AWG	Color	Length l (mm)													
1 - 7	UL1015	18	black	500													
<p>●Model number H-OU-18 Housing : VHR-6N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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 - 3</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>4 - 6</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length l (mm)	1 - 3	UL1015	18	black	500	4 - 6	UL1015	18	red	500
Pin #	Wire	AWG	Color	Length l (mm)													
1 - 3	UL1015	18	black	500													
4 - 6	UL1015	18	red	500													
<p>●Model number H-OU-22 Housing : 1-178288-8 (Tyco Electronics) Pin : 1-175218-2 or 1-175218-3 (Tyco Electronics)</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 - 5</td> <td>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>6 - 10</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length l (mm)	1 - 5	UL1015	18	black	500	6 - 10	UL1015	18	red	500
Pin #	Wire	AWG	Color	Length l (mm)													
1 - 5	UL1015	18	black	500													
6 - 10	UL1015	18	red	500													
<p>●Model number H-OU-34 Housing : VHR-2N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.)</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>UL1015</td> <td>18</td> <td>black</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1015</td> <td>18</td> <td>red</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length l (mm)	1	UL1015	18	black	500	2	UL1015	18	red	500
Pin #	Wire	AWG	Color	Length l (mm)													
1	UL1015	18	black	500													
2	UL1015	18	red	500													

Harness for remote sensing & parallel operation by 2 units is prepared in UAW/UAF/LDA series.

UAW Series
UAF Series
LDA Series

Mating harness

Model	Harness model #	Contents
UAW125S	H-SN-1	For remote sensing
UAW250S	H-SN-1	For remote sensing
	H-PA-2	For parallel operation by 2 units
UAW500S/ UAF500S	H-SN-2	For remote sensing
	H-PA-1	For parallel operation by 2 units
LDA300W	H-SN-1	For remote sensing

●Model number
H-SN-1

Housing : XHP-4 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1				
2	UL1061	28	black	500
3	UL1061	28	red	500
4				

●Model number
H-SN-2

Housing : ZHR-10 (J.S.T.)
Pin : SZH-002T-P0.5 (J.S.T.)

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1 - 4				
5	UL1061	28	black	500
6, 7				
8	UL1061	28	red	500
9, 10				

●Model number
H-PA-1

Housing : ZHR-10 (J.S.T.)
Pin : SZH-002T-P0.5 (J.S.T.)

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1 - 3				
4, 5	UL1061	28	black	-
6, 8	UL1061	28	red	-
7				
9	UL1061	28	yellow	220
10	UL1061	28	green	220

●Model number
H-PA-2

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

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1007	22	white	180
2	UL1007	22	black	180
3	UL1007	22	red	180

Option

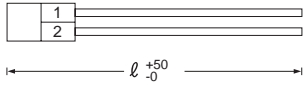
Option-28

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

LDA Series
UAW Series
PAA Series
LEA Series
LEB Series
LEP Series

Mating harness

Model	Harness model #
LDA50F, LDA75F, LDA100W, LDA150W, LDA300W	H-RC-1
UAW250S	
PAA50F, PAA75F, PAA100F, PAA150F	
LEA50F, LEA75F, LEA100F, LEA150F, LEP100F, LEP150F, LEP240F	
LEB100F, LEB150F, LEB225F	

<p>●Model number</p> <p>H-RC-1</p> <p>Housing : XHP-2 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.)</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>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
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