

Harness to use the function of the output module is prepared in ACE series.

## ACE Series

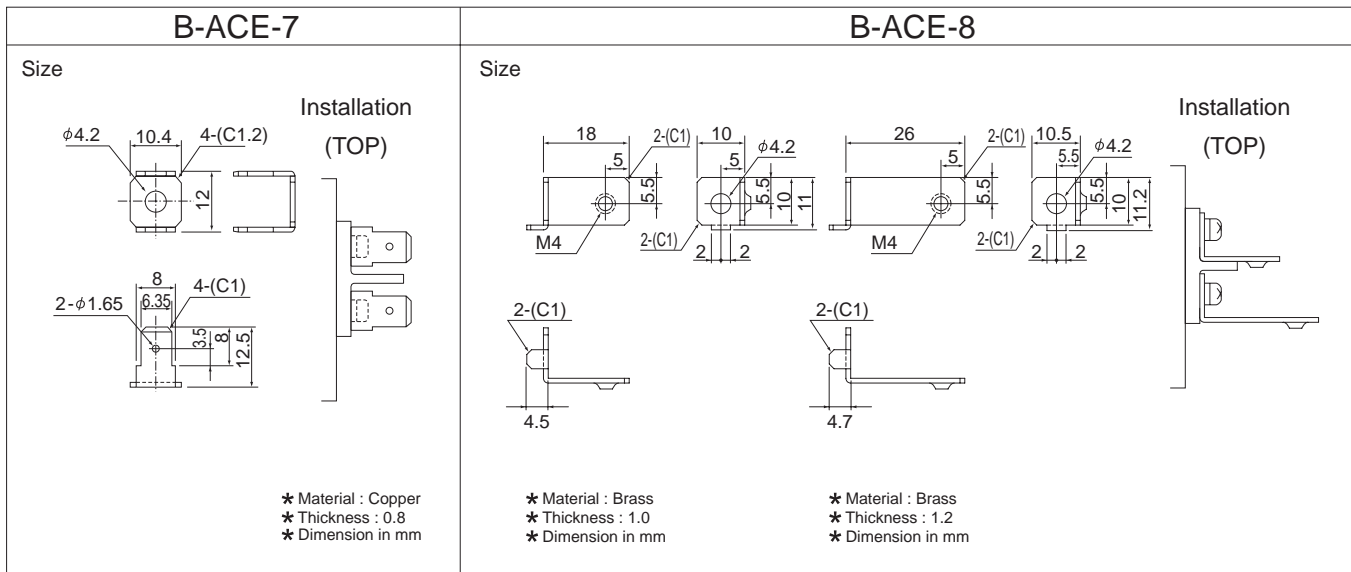
### Mating harness

Model	Harness model #	Contents
ACE series	H-SN-14	Harness for using AUX and PR alarm of CN1.
	H-SN-16	Harness for using all function of output modules. (CN2)
	H-SN-17	Harness for using all functions except remote sensing of the output modules. (CN2)
	H-SN-18	Harness for using remote ON/OFF of output module S, T, U.(CN2)

<p>●Model number <b>H-SN-14</b></p> <p>Housing : XHP-3 (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 <math>l</math> (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>yellow</td> <td>500</td> </tr> <tr> <td>3</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	yellow	500	3	UL1007	22	red	500																																			
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<p>●Model number <b>H-SN-16</b></p> <p>Housing : PHDR-10VS (J.S.T.) Pin : SPHD-002T-P0.5 (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 <math>l</math> (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1061</td> <td>28</td> <td>yellow</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1061</td> <td>28</td> <td>orange</td> <td>500</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>UL1061</td> <td>28</td> <td>blue</td> <td>500</td> </tr> <tr> <td>6</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>500</td> </tr> <tr> <td>7</td> <td>UL1061</td> <td>28</td> <td>red</td> <td>500</td> </tr> <tr> <td>8</td> <td>UL1061</td> <td>28</td> <td>red</td> <td>500</td> </tr> <tr> <td>9</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>500</td> </tr> <tr> <td>10</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length $l$ (mm)	1	UL1061	28	yellow	500	2	UL1061	28	orange	500	3	-	-	-	-	4	-	-	-	-	5	UL1061	28	blue	500	6	UL1061	28	black	500	7	UL1061	28	red	500	8	UL1061	28	red	500	9	UL1061	28	black	500	10	UL1061	28	black	500
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<p>★ The even number pin side of the connector is the same wiring as the odd number pin side.</p>																																																									
<p>●Model number <b>H-SN-17</b></p> <p>Housing : PHDR-10VS (J.S.T.) Pin : SPHD-002T-P0.5 (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 <math>l</math> (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1061</td> <td>28</td> <td>yellow</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1061</td> <td>28</td> <td>orange</td> <td>500</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>UL1061</td> <td>28</td> <td>blue</td> <td>500</td> </tr> <tr> <td>6</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>500</td> </tr> <tr> <td>7</td> <td>UL1061</td> <td>28</td> <td>red</td> <td>30</td> </tr> <tr> <td>8</td> <td>UL1061</td> <td>28</td> <td>red</td> <td>30</td> </tr> <tr> <td>9</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>30</td> </tr> <tr> <td>10</td> <td>UL1061</td> <td>28</td> <td>black</td> <td>30</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length $l$ (mm)	1	UL1061	28	yellow	500	2	UL1061	28	orange	500	3	-	-	-	-	4	-	-	-	-	5	UL1061	28	blue	500	6	UL1061	28	black	500	7	UL1061	28	red	30	8	UL1061	28	red	30	9	UL1061	28	black	30	10	UL1061	28	black	30
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<p>●Model number <b>H-SN-18</b></p> <p>Housing : PHR-2 (J.S.T.) Pin : SPH-002T-P0.5S (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 <math>l</math> (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UL1007</td> <td>26</td> <td>yellow</td> <td>500</td> </tr> <tr> <td>2</td> <td>UL1007</td> <td>26</td> <td>orange</td> <td>500</td> </tr> </tbody> </table>	Pin #	Wire	AWG	Color	Length $l$ (mm)	1	UL1007	26	yellow	500	2	UL1007	26	orange	500																																								
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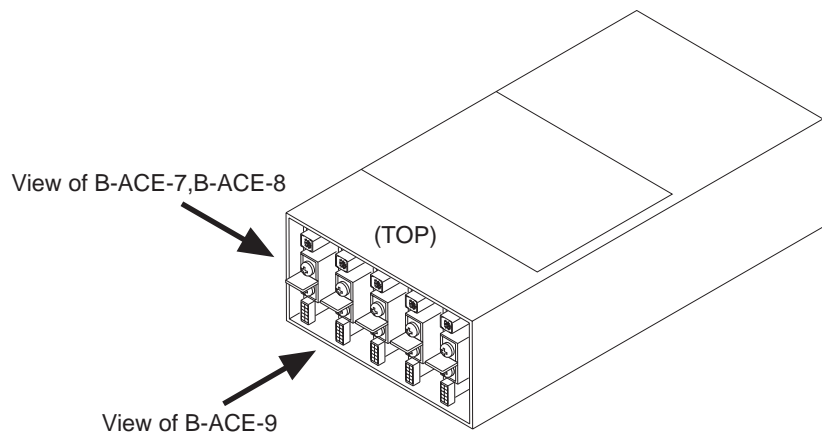
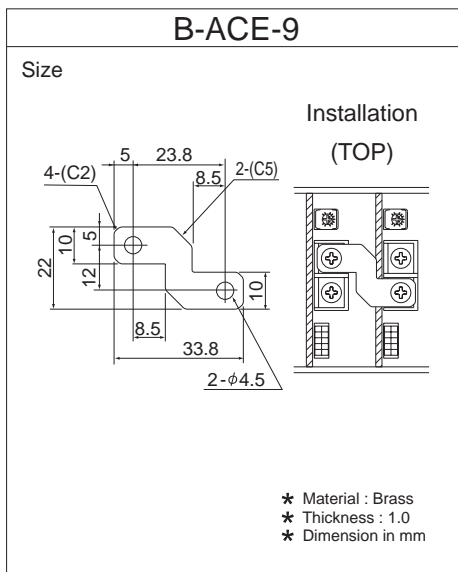
Type	Mating Model	Contents
B-ACE-7	ACE series	Terminal attachment to facilitate faston terminal output modules
B-ACE-8	ACE series	Terminal attachment to facilitate wiring
B-ACE-9	ACE series	Terminal attachment for series operation as output modules

★These attachments cannot be used for module code S, T, U, Y, W, Z, 9, Q, and V.



★ B-ACE-7: Recommended faston terminal #250. Quantity is 1 piece.

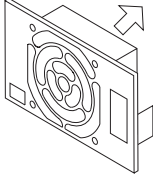
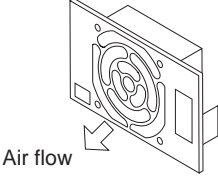
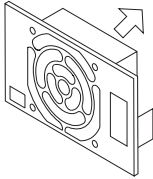
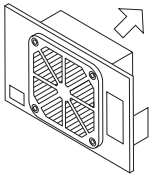
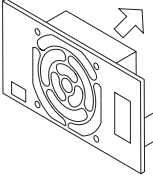
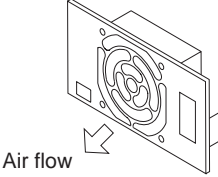
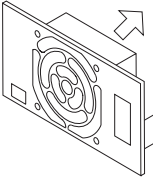
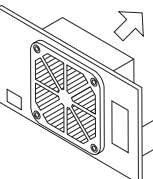
★ B-ACE-8: Please be careful with that B-ACE-8 is not stressed in wiring. Quantity is a couple.



## Fan unit

★ Fan unit is prepared by the option.

## ACE Series MAX Series

Fan unit type	Matching model	External	Pin connection								
<b>FAN-AC3</b> (Standard)	<b>ACE300F</b> <Standard>		<p>CONNECTOR = XAP-03V-1 (Mfr : J. S. T) TERMINAL = SXA-001T-P0.6 (Mfr : J. S. T)</p> <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>POWER</td> </tr> </tbody> </table> <p>LENGTH OF HARNESS = 60 ± 10mm</p>	Pin No.	Content	1	GND	2	FAN ALARM	3	POWER
Pin No.	Content										
1	GND										
2	FAN ALARM										
3	POWER										
<b>FAN-AC3-F</b> (Air flow reverse : -F)	<b>ACE300F</b> <Modification : F>										
<b>FAN-AC3-K</b> (Low speed : -K)	<b>ACE300F</b> <Modification : K>										
<b>FAN-AC3-T</b> (With filter : -T)	<b>ACE300F</b> <Modification : T>										
<b>FAN-AC4</b> (Standard)	<b>ACE450F</b> <b>ACE650F</b> <Standard>										
<b>FAN-AC4-F</b> (Air flow reverse : -F)	<b>ACE450F</b> <b>ACE650F</b> <Modification : F>										
<b>FAN-AC4-K</b> (Low speed : -K)	<b>ACE450F</b> <b>ACE650F</b> <Modification : K>										
<b>FAN-AC4-T</b> (With filter : -T)	<b>ACE450F</b> <b>ACE650F</b> <Modification : T>										

**Option**

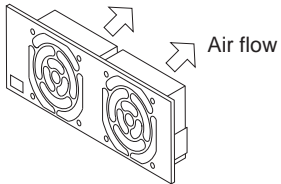
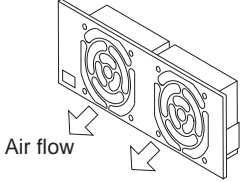
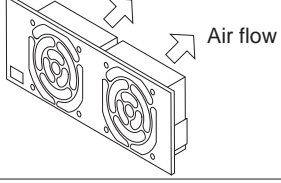
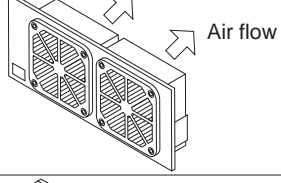
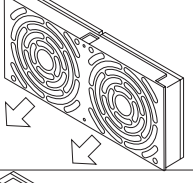
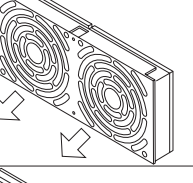
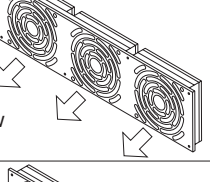
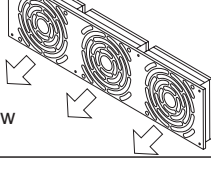
- ★ 1 Handle with care and don't add the impact such as falls or throwing to the unit.
- ★ 2 Exchange the unit after intercepting the input power.
- ★ 3 When the unit is exchanged, make sure there are not loosening of the connector and shutting the harness.

**Option-44**

## Fan unit

★ Fan unit is prepared by the option.

## ACE Series MAX Series

Fan unit type	Matching model	External	Pin connection								
<b>FAN-AC9</b> (Standard)	<b>ACE900F</b> <Standard>		<p>CONNECTOR = XAP-03V-1 (Mfr : J. S. T) TERMINAL = SXA-001T-P0.6 (Mfr : J. S. T)</p> <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>POWER</td> </tr> </tbody> </table> <p>LENGTH OF HARNESS = 55 ± 10mm</p>	Pin No.	Content	1	GND	2	FAN ALARM	3	POWER
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1	GND										
2	FAN ALARM										
3	POWER										
<b>FAN-AC9-F</b> (Air flow reverse : -F)	<b>ACE900F</b> <Modification : F>										
<b>FAN-AC9-K</b> (Low speed : -K)	<b>ACE900F</b> <Modification : K>										
<b>FAN-AC9-T</b> (With filter : -T)	<b>ACE900F</b> <Modification : T>										
<b>FAN-MA1</b> (Standard)	<b>MAX1600F</b> <b>MAX1600T</b> <Standard>		<p>CONNECTOR = XHP-3 (Mfr : J. S. T) TERMINAL = SXH-001T-P0.6 (Mfr : J. S. T)</p> <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>POWER</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>GND</td> </tr> </tbody> </table> <p>LENGTH OF HARNESS = 210 ± 15mm</p>	Pin No.	Content	1	POWER	2	FAN ALARM	3	GND
Pin No.	Content										
1	POWER										
2	FAN ALARM										
3	GND										
<b>FAN-MA1-B</b> (Long life : -B)	<b>MAX1600F</b> <b>MAX1600T</b> <Modification : B>										
<b>FAN-MA3</b> (Standard)	<b>MAX3200T</b> <Standard>										
<b>FAN-MA3-B</b> (Long life : -B)	<b>MAX3200T</b> <Modification : B>										

- ★ 1 Handle with care and don't add the impact such as falls or throwing to the unit.
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- ★ 3 When the unit is exchanged, make sure there are not loosening of the connector and shutting the harness.

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