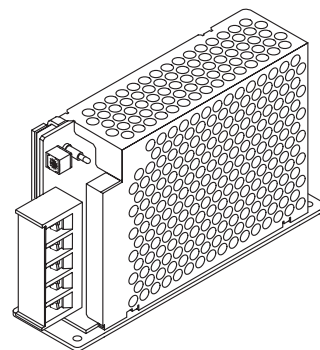


# PB · PMA · PDA Series Attachment

## BASE Attachment

| Plate model | Applicable models              |
|-------------|--------------------------------|
| F-PBA10-1   | PBA10F                         |
| F-PBA15-1   | PBA15F, PBW15F, PDA15F         |
| F-PBA30-1   | PBA30F, PBW30F, PMA15F, PDA30F |
| F-PBA50-1   | PBA50F, PBW50F, PMA30F, PDA50F |
| F-PBA75-1   | PBA75F, PMA60F                 |
| F-PBA100-1  | PBA100F, PDA100F               |
| F-PBA150-1  | PBA150F, PMA100F, PDA150F      |

Example



&lt; TOP VIEW &gt; (Unit : mm) (Tolerance : ±1)

|                                                                                                           |                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <p><b>F-PBA10-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 60g max</p> | <p><b>F-PBA15-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 70g max</p> |
| <p>★ M3 Flat screw is requested when mounting.<br/>Please check catalog for the size of screw.</p>        |                                                                                                           |
| <p>Mounting hole size</p> <p>FRONT←</p>                                                                   | <p>Mounting hole size</p> <p>FRONT←</p>                                                                   |
| <p><b>F-PBA30-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 85g max</p> | <p><b>F-PBA50-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 95g max</p> |
| <p>★ M3 Flat screw is requested when mounting.<br/>Please check catalog for the size of screw.</p>        |                                                                                                           |
| <p>Mounting hole size</p> <p>FRONT←</p>                                                                   | <p>Mounting hole size</p> <p>FRONT←</p>                                                                   |

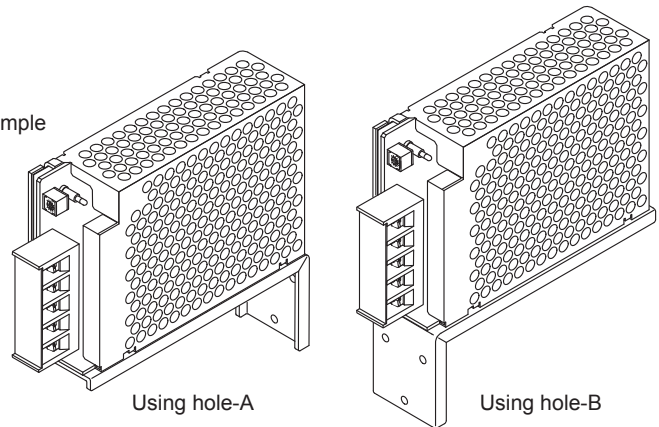
&lt; TOP VIEW &gt; (Unit : mm) (Tolerance : ±1)

|                                                                                                                                         |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;"><b>F-PBA75-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 110g max</p>  | <p style="text-align: center;"><b>F-PBA100-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 110g max</p> |
| <p style="text-align: center;">★ M3 Flat screw is requested when mounting.<br/>Please check catalog for the size of screw.</p>          |                                                                                                                                         |
| <p>Mounting hole size</p> <p>FRONT ←</p>                                                                                                | <p>Mounting hole size</p> <p>FRONT ←</p>                                                                                                |
| <p style="text-align: center;"><b>F-PBA150-1</b></p> <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 130g max</p> |                                                                                                                                         |
| <p style="text-align: center;">★ M3 Flat screw is requested when mounting.<br/>Please check catalog for the size of screw.</p>          |                                                                                                                                         |
| <p>Mounting hole size</p> <p>FRONT ←</p>                                                                                                |                                                                                                                                         |

## FRONT · REVERSE Attachment

| Plate model | Applicable models              |
|-------------|--------------------------------|
| F-PBA10-2   | PBA10F                         |
| F-PBA15-2   | PBA15F, PBW15F, PDA15F         |
| F-PBA30-2   | PBA30F, PBW30F, PMA15F, PDA30F |
| F-PBA50-2   | PBA50F, PBW50F, PMA30F, PDA50F |
| F-PBA75-2   | PBA75F, PMA60F                 |
| F-PBA100-2  | PBA100F, PDA100F               |
| F-PBA150-2  | PBA150F, PMA100F, PDA150F      |

Example



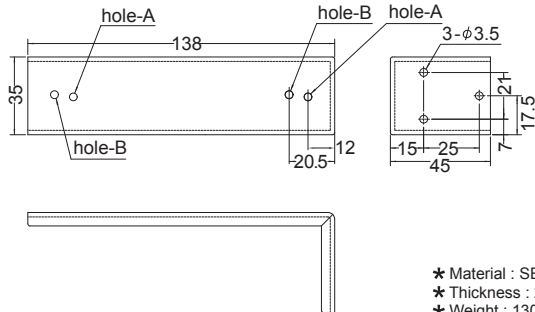
〈 TOP VIEW 〉 (Unit : mm) (Tolerance : ±1)

| F-PBA10-2                                                                                     | F-PBA15-2                                                                          |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 1.6<br/>★ Weight : 60g max</p>             | <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 1.6<br/>★ Weight : 70g max</p>  |
| <p>★ M3 screw is requested when mounting.<br/>Please check catalog for the size of screw.</p> |                                                                                    |
| F-PBA30-2                                                                                     | F-PBA50-2                                                                          |
| <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 1.6<br/>★ Weight : 80g max</p>             | <p>Size</p> <p>★ Material : SECC<br/>★ Thickness : 2.0<br/>★ Weight : 120g max</p> |
| <p>★ M3 screw is requested when mounting.<br/>Please check catalog for the size of screw.</p> |                                                                                    |

< TOP VIEW > (Unit : mm) (Tolerance : ±1)

F-PBA75-2

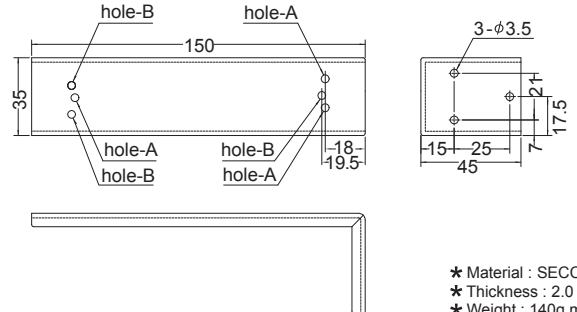
Size



- ★ Material : SECC
- ★ Thickness : 2.0
- ★ Weight : 130g max

F-PBA100-2

Size

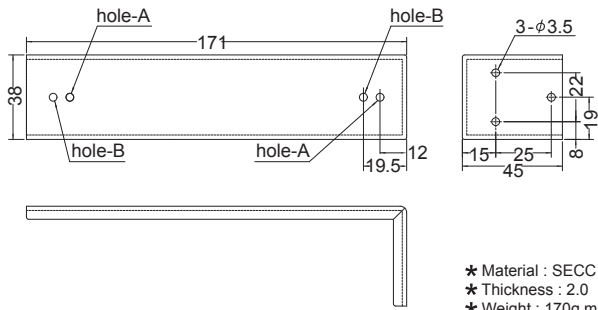


- ★ Material : SECC
- ★ Thickness : 2.0
- ★ Weight : 140g max

★ M3 screw is requested when mounting.  
Please check catalog for the size of screw.

F-PBA150-2

Size



- ★ Material : SECC
- ★ Thickness : 2.0
- ★ Weight : 170g max

★ M3 screw is requested when mounting.  
Please check catalog for the size of screw.

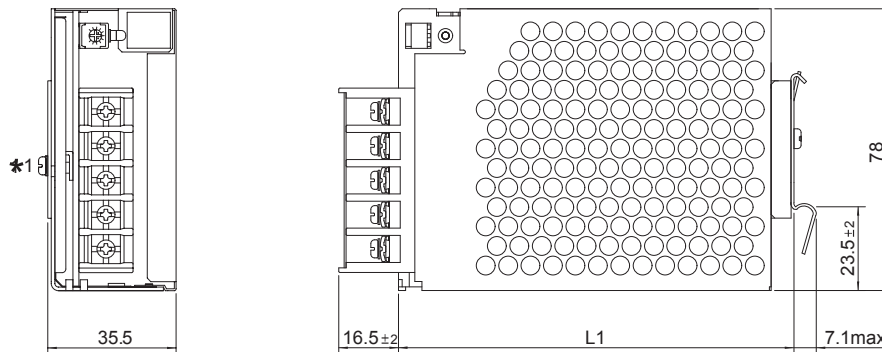
## ■DIN rail Attachment Plate(PB Series)

### APPLICABLE TO MODEL

DIN rail width : 35mm

| Plate model | Model                  | screws for installation |      |
|-------------|------------------------|-------------------------|------|
|             |                        | Type                    | Qty  |
| FD-PBA10    | PBA10F                 | M3                      | 2pcs |
| FD-PBA15    | PBA15F, PBW15F         |                         |      |
| FD-PBA30    | PBA30F, PBW30F         |                         |      |
| FD-PBA50    | PBA50F, PBW50F, PBA75F |                         |      |
| FD-PBA100   | PBA100F                | M3                      | 3pcs |
|             | PBA150F                | M3                      | 2pcs |
| FD-PBA300   | PBA300F                | M4                      | 2pcs |

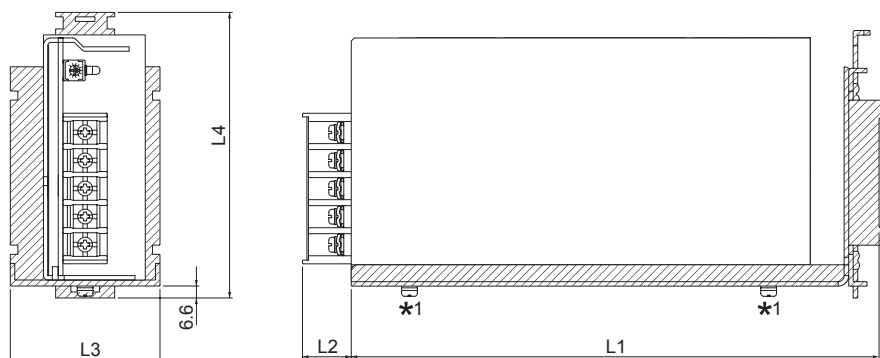
### FD-PBA10, FD-PBA15, FD-PBA30 EXTERNAL VIEW



| Plate model | Model          | L1      |
|-------------|----------------|---------|
| FD-PBA10    | PBA10F         | 75.0±2  |
| FD-PBA15    | PBA15F, PBW15F | 92.0±2  |
| FD-PBA30    | PBA30F, PBW30F | 110.0±2 |

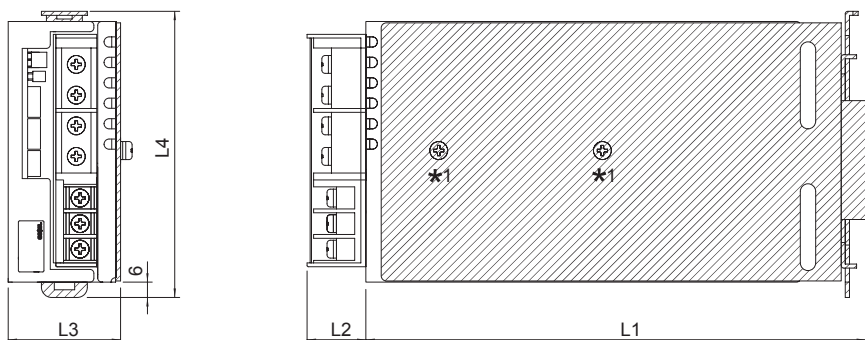
- ★ Material : SECC
- ★ Thickness : 1.0
- ★ Tolerance : ±1
- ★ 1 Screws for installation (attached to Plate)
- ★ Weight : FD-PBA10 45g max  
FD-PBA15 55g max  
FD-PBA30 60g max

## FD-PBA50, FD-PBA100 EXTERNAL VIEW



| Plate model | Model   | L1  | L2     | L3   | L4    | <div>★ Material : SECC</div> <div>★ Thickness : 1.6</div> <div>★ Tolerance : ±1</div> <div>★ 1 Screws for installation (attached to Plate)</div> <div>★ Weight : FD-PBA50 220g max</div> <div>Weight : FD-PBA100 260g max</div> |
|-------------|---------|-----|--------|------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FD-PBA50    | PBA50F  | 135 | 16.5±2 | 41   | 102.5 |                                                                                                                                                                                                                                 |
|             | PBA75F  | 150 |        |      |       |                                                                                                                                                                                                                                 |
| FD-PBA100   | PBA100F | 162 | 13.5±2 | 42.5 | 112   |                                                                                                                                                                                                                                 |
|             | PBA150F | 183 |        |      |       |                                                                                                                                                                                                                                 |

## FD-PBA300 EXTERNAL VIEW



| Plate model | Model   | L1    | L2    | L3 | L4  | <ul style="list-style-type: none"> <li>* Material : SPHC</li> <li>* Thickness : 2.0</li> <li>* Tolerance : <math>\pm 1</math></li> <li>* 1 Screws for installation (attached to Plate)</li> <li>* Weight : 500g max</li> </ul> |
|-------------|---------|-------|-------|----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FD-PBA300   | PBA300F | 195.5 | 25max | 44 | 112 |                                                                                                                                                                                                                                |

Harness to use the function is prepared in PB series.

# PB Series

## Mating harness

| Model                                                                               | Harness model #   | Contents                                                                         |
|-------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------|
| PBA10F, PBA15F, PBW15F, PBA30F, PBW30F, PBA50F, PBW50F, PBA75F, PBA100F, PBA150F ★1 | H-IN-3 or H-IN-27 | Input harness when I/O interface is connector (Mfr: J.S.T.) type (option : -J1)  |
| PBA10F, PBA15F, PBA30F, PBA50F                                                      | H-OU-9            | Output harness when I/O interface is connector (Mfr: J.S.T.) type (option : -J1) |
| PBA75F, PBA100F, PBA150F ★1                                                         | H-OU-18           | Output harness when I/O interface is connector (Mfr: J.S.T.) type (option : -J1) |
| PBW15F, PBW30F, PBW50F                                                              | H-OU-48           | Output harness when I/O interface is connector (Mfr: J.S.T.) type (option : -J1) |
| PBA50F, PBW50F, PBA75F, PBA100F, PBA150F                                            | H-RC-1            | Harness for using option : -R                                                    |
| PBA100F, PBA150F ★2                                                                 | H-SN-1            | Harness for using option : -K                                                    |
| PBA10F, PBA15F, PBW15F, PBA30F, PBW30F, PBA50F, PBW50F, PBA75F, PBA100F, PBA150F    | H-SN-18           | Harness for using option : -V                                                    |
| PBA300F                                                                             | H-PA-3            | Harness for parallel operation                                                   |
| PBA600F                                                                             | H-SN-20           | Harness for using all functions of CN1 and CN2                                   |
| PBA1000F                                                                            | H-SN-21           | Harness for using all functions except remote sensing of CN2                     |
| PBA1500F                                                                            | H-SN-22           | Harness for using all functions of CN3                                           |
| PBA1500T                                                                            | H-SN-24           | Harness for using example remote ON/OFF circuit (C)                              |

★1 Available for 12V, 15V, 24V, 36V and 48V output model in PBA100F / 150F.

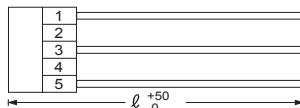
★2 Available for 3.3V and 5V output model in PBA100F / 150F.

### ●Model number

## H-IN-3

Housing : VHR-5N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 20g max

### ●Type



### ●Wire

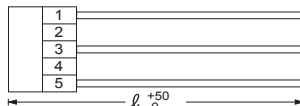
| Pin # | Wire   | AWG | Color | Length<br>ℓ (mm) |
|-------|--------|-----|-------|------------------|
| 1     | UL1015 | 20  | white | 500              |
| 2     |        |     |       |                  |
| 3     | UL1015 | 20  | black | 500              |
| 4     |        |     |       |                  |
| 5     | UL1015 | 20  | green | 500              |

### ●Model number

## H-IN-27

Housing : VHR-5N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 20g max

### ●Type



### ●Wire

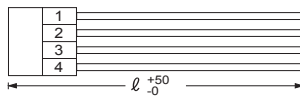
| Pin # | Wire   | AWG | Color        | Length<br>ℓ (mm) |
|-------|--------|-----|--------------|------------------|
| 1     | UL1015 | 20  | white        | 500              |
| 2     |        |     |              |                  |
| 3     | UL1015 | 20  | black        | 500              |
| 4     |        |     |              |                  |
| 5     | UL1015 | 20  | green/yellow | 500              |

### ●Model number

## H-OU-9

Housing : VHR-6N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 40g max

### ●Type



### ●Wire

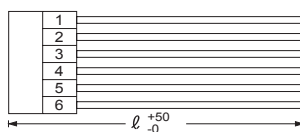
| Pin # | Wire   | AWG | Color | Length<br>ℓ (mm) |
|-------|--------|-----|-------|------------------|
| 1     | UL1015 | 18  | black | 500              |
| 2     | UL1015 | 18  | black | 500              |
| 3     | UL1015 | 18  | red   | 500              |
| 4     | UL1015 | 18  | red   | 500              |

### ●Model number

## H-OU-18

Housing : VHR-6N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 60g max

### ●Type



### ●Wire

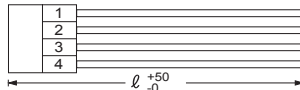
| Pin # | Wire   | AWG | Color | Length<br>ℓ (mm) |
|-------|--------|-----|-------|------------------|
| 1 - 3 | UL1015 | 18  | black | 500              |
| 4 - 6 | UL1015 | 18  | red   | 500              |

### ●Model number

## H-OU-48

Housing : VHR-4N (J.S.T.)  
Pin : SVH-21T-P1.1 (J.S.T.)  
Weight : 40g max

### ●Type



### ●Wire

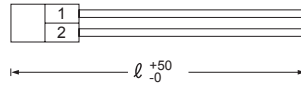
| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | UL1015 | 18  | purple | 500              |
| 2     | UL1015 | 18  | black  | 500              |
| 3     | UL1015 | 18  | black  | 500              |
| 4     | UL1015 | 18  | red    | 500              |

●Model number

## H-RC-1

Housing : XHP-2 (J.S.T.)  
Pin : SXH-001T-P0.6 (J.S.T.)  
Weight : 7g max

●Type



●Wire

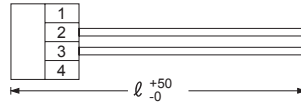
| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | UL1007 | 22  | orange | 500              |
| 2     | UL1007 | 22  | blue   | 500              |

●Model number

## H-SN-1

Housing : XHP-4 (J.S.T.)  
Pin : SXH-001T-P0.6 (J.S.T.)  
Weight : 3g max

●Type



●Wire

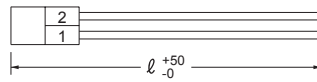
| Pin # | Wire   | AWG | Color | Length<br>ℓ (mm) |
|-------|--------|-----|-------|------------------|
| 1     |        |     |       |                  |
| 2     | UL1061 | 28  | black | 500              |
| 3     | UL1061 | 28  | red   | 500              |
| 4     |        |     |       |                  |

●Model number

## H-SN-18

Housing : PHR-2 (J.S.T.)  
Pin : SPH-002T-P0.5S (J.S.T.)  
Weight : 4g max

●Type



●Wire

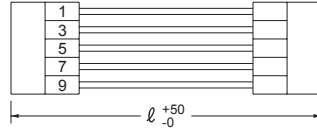
| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | UL1007 | 26  | yellow | 500              |
| 2     | UL1007 | 26  | orange | 500              |

●Model number

## H-PA-3

Housing : PHDR-10VS(J.S.T.)  
Pin : SPHD-002T-P0.5(J.S.T.)  
Weight : 5g max

●Type



●Wire

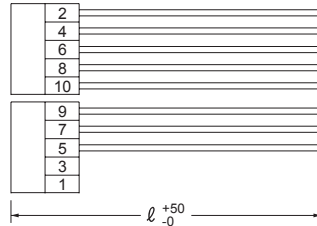
| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | -      | -   | -      | -                |
| 2     | UL1061 | 28  | red    | 270              |
| 3     | -      | -   | -      | -                |
| 4     | UL1061 | 28  | black  | 270              |
| 5     | UL1061 | 28  | yellow | 270              |
| 6     | UL1061 | 28  | green  | 270              |
| 7     | UL1061 | 28  | blue   | 270              |
| 8     | -      | -   | -      | -                |
| 9     | UL1061 | 28  | orange | 270              |
| 10    | UL1061 | 28  | purple | 270              |

●Model number

## H-SN-20

Housing : PHDR-10VS(J.S.T.)  
Pin : SPHD-002T-P0.5(J.S.T.)  
Weight : 8g max

●Type



●Wire

| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | -      | -   | -      | -                |
| 2     | UL1061 | 28  | red    | 500              |
| 3     | -      | -   | -      | -                |
| 4     | UL1061 | 28  | black  | 500              |
| 5     | UL1061 | 28  | yellow | 500              |
| 6     | UL1061 | 28  | green  | 500              |
| 7     | UL1061 | 28  | blue   | 500              |
| 8     | UL1061 | 28  | black  | 500              |
| 9     | UL1061 | 28  | orange | 500              |
| 10    | UL1061 | 28  | purple | 500              |

●Model number

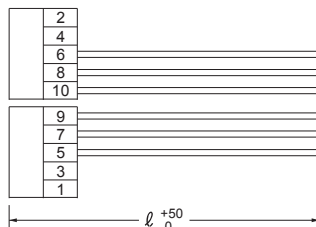
## H-SN-21

Housing : PHDR-10VS(J.S.T)

Pin : SPHD-002T-P0.5(J.S.T)

Weight : 6g max

●Type



●Wire

| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | -      | -   | -      | -                |
| 2     | -      | -   | -      | -                |
| 3     | -      | -   | -      | -                |
| 4     | -      | -   | -      | -                |
| 5     | UL1061 | 28  | yellow | 500              |
| 6     | UL1061 | 28  | green  | 500              |
| 7     | UL1061 | 28  | blue   | 500              |
| 8     | UL1061 | 28  | black  | 500              |
| 9     | UL1061 | 28  | orange | 500              |
| 10    | UL1061 | 28  | purple | 500              |

●Model number

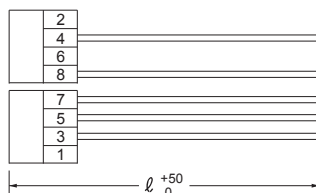
## H-SN-22

Housing : PHDR-8VS(J.S.T)

Pin : SPHD-002T-P0.5(J.S.T)

Weight : 5g max

●Type



●Wire

| Pin # | Wire   | AWG | Color  | Length<br>ℓ (mm) |
|-------|--------|-----|--------|------------------|
| 1     | -      | -   | -      | -                |
| 2     | -      | -   | -      | -                |
| 3     | UL1061 | 28  | pink   | 500              |
| 4     | UL1061 | 28  | brown  | 500              |
| 5     | UL1061 | 28  | white  | 500              |
| 6     | -      | -   | -      | -                |
| 7     | UL1061 | 28  | yellow | 500              |
| 8     | UL1061 | 28  | gray   | 500              |

●Model number

## H-SN-24

CN A :

Housing : PHDR-10VS(J.S.T)

Pin : SPHD-002T-P0.5(J.S.T)

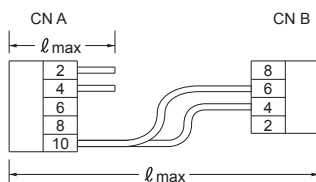
CN B :

Housing : PHDR-08VS(J.S.T)

Pin : SPHD-002T-P0.5(J.S.T)

Weight : 2g max

●Type



●Wire

| Pin # |    | Wire   | AWG | Color | Length<br>$\ell$ (mm) |
|-------|----|--------|-----|-------|-----------------------|
| CN A  | 1  | UL1061 | 28  | red   | 30                    |
|       | 2  | UL1061 | 28  | red   | 30                    |
|       | 3  | UL1061 | 28  | black | 30                    |
|       | 4  | UL1061 | 28  | black | 30                    |
|       | 5  | -      | -   | -     | -                     |
|       | 6  | -      | -   | -     | -                     |
|       | 7  | -      | -   | -     | -                     |
|       | 8  | -      | -   | -     | -                     |
|       | 9  | UL1061 | 28  | black | 70                    |
|       | 10 | UL1061 | 28  | black | 70                    |
| CN B  | 1  | -      | -   | -     | -                     |
|       | 2  | -      | -   | -     | -                     |
|       | 3  | -      | -   | -     | -                     |
|       | 4  | UL1061 | 28  | black | 70                    |
|       | 5  | UL1061 | 28  | black | 70                    |
|       | 6  | -      | -   | -     | -                     |
|       | 7  | -      | -   | -     | -                     |
|       | 8  | -      | -   | -     | -                     |

\* Pin #1 and #2, Pin #3 and #4 in CN A are connected by harness.

\* Pin #9 in CN A and Pin #4 in CN B are connected by harness.

\* Pin #10 in CN A and Pin #5 in CN B are connected by harness.

## Terminal Attachment

Terminal attachment to facilitate two or more terminal connections to power supply output is prepared in PBA, MAX, ACE and AME series.

| Type   | Mating Model                                | Contents                                                                      |
|--------|---------------------------------------------|-------------------------------------------------------------------------------|
| B-MX-1 | PBA600F<br>MAX1600F<br>MAX1600T<br>MAX3200T | Terminal attachment to facilitate terminal connections to power supply output |
| B-MX-9 | MAX1600F<br>MAX1600T<br>MAX3200T            | Terminal attachment for series operation as output modules                    |

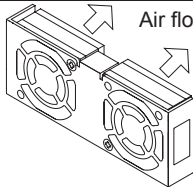
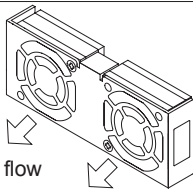
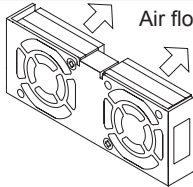
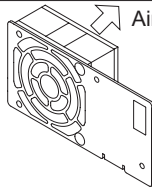
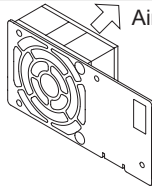
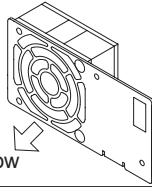
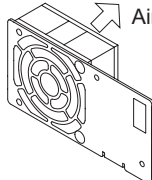
| B-MX-1                                                                                                                                                              | B-MX-9                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Size</p> <ul style="list-style-type: none"> <li>* Material : Copper</li> <li>* Thickness : 2.0</li> <li>* Dimension in mm</li> <li>* Weight : 30g max</li> </ul> | <p>Size</p> <ul style="list-style-type: none"> <li>* Material : Copper</li> <li>* Thickness : 1.5</li> <li>* Dimension in mm</li> <li>* Weight : 15g max</li> </ul> |

- \* It is necessary to install B-MX-1 on opposite direction to avoid short-circuit between + and - terminal block.
- \* Please note the direction of the installation to prevent the short-circuit between the outputs when using B-MX-1 and B-MX-9 at the same time.
- \* The cover of terminal block does not be attached to B-MX-1 with installation screw and solderless terminal occasionally.

## Fan unit

★ Fan unit is prepared by the option.

## PB Series

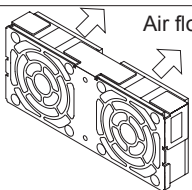
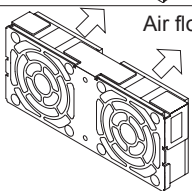
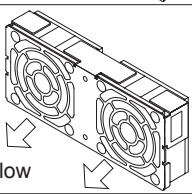
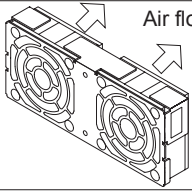
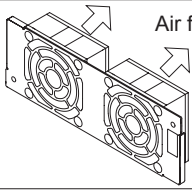
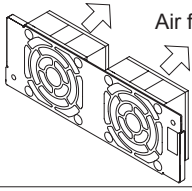
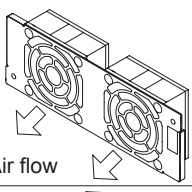
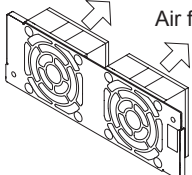
| Fan unit type                                             | Matching model                                          | External                                                                                                                      | Pin connection                                                                                                                                                                                                                                                                                                  |         |         |   |     |   |           |   |       |
|-----------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---|-----|---|-----------|---|-------|
| <div>FAN-PB3</div> <div>(Standard)</div>                  | <div>PBA300F</div> <div>&lt;Standard&gt;</div>          | <div></div> <div>★ Weight : 90g max</div>   | <div>CONNECTOR = PHR-3<br/>(Mfr : J. S. T)<br/>TERMINAL = SPH-002T-P0.5S<br/>(Mfr : J. S. T)</div> <table><tr><th>Pin No.</th><th>Content</th></tr><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></table> <div>LENGTH OF HARNESS<br/>= 40 ± 5mm</div>    | Pin No. | Content | 1 | GND | 2 | FAN ALARM | 3 | POWER |
| Pin No.                                                   | Content                                                 |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 1                                                         | GND                                                     |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 2                                                         | FAN ALARM                                               |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 3                                                         | POWER                                                   |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB3-F3</div> <div>(Air flow reverse : -F3)</div> | <div>PBA300F</div> <div>&lt;Modification : F3&gt;</div> | <div></div> <div>★ Weight : 90g max</div>   |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB3-F4</div> <div>(Low speed : -F4)</div>        | <div>PBA300F</div> <div>&lt;Modification : F4&gt;</div> | <div></div> <div>★ Weight : 90g max</div>   |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB6</div> <div>(Standard)</div>                  | <div>PBA600F</div> <div>&lt;Standard&gt;</div>          | <div></div> <div>★Weight : 120g max</div>  | <div>CONNECTOR = XAP-03V-1<br/>(Mfr : J. S. T)<br/>TERMINAL = SXA-001T-P0.6<br/>(Mfr : J. S. T)</div> <table><tr><th>Pin No.</th><th>Content</th></tr><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></table> <div>LENGTH OF HARNESS<br/>= 55 ± 7mm</div> | Pin No. | Content | 1 | GND | 2 | FAN ALARM | 3 | POWER |
| Pin No.                                                   | Content                                                 |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 1                                                         | GND                                                     |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 2                                                         | FAN ALARM                                               |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 3                                                         | POWER                                                   |                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB6-F1</div> <div>(Long life : -F1)</div>        | <div>PBA600F</div> <div>&lt;Modification : F1&gt;</div> | <div></div> <div>★Weight : 150g max</div> |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB6-F3</div> <div>(Air flow reverse : -F3)</div> | <div>PBA600F</div> <div>&lt;Modification : F3&gt;</div> | <div></div> <div>★Weight : 120g max</div> |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| <div>FAN-PB6-F4</div> <div>(Low speed : -F4)</div>        | <div>PBA600F</div> <div>&lt;Modification : F4&gt;</div> | <div></div> <div>★Weight : 120g max</div> |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |

- ★ 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.

# Fan unit

★Fan unit is prepared by the option.

## PB Series

| Fan unit type                           | Matching model                              | External                                                                                                  | Pin connection                                                                                                                                                                                                                                                                                                  |         |         |   |     |   |           |   |       |
|-----------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---|-----|---|-----------|---|-------|
| FAN-PB10<br>(Standard)                  | PBA1000F<br><Standard>                      | <br>★Weight : 210g max   | <div>CONNECTOR = XAP-03V-1<br/>(Mfr : J. S. T)<br/>TERMINAL = SXA-001T-P0.6<br/>(Mfr : J. S. T)</div> <table><tr><th>Pin No.</th><th>Content</th></tr><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></table> <div>LENGTH OF HARNESS<br/>= 55 ± 7mm</div> | Pin No. | Content | 1 | GND | 2 | FAN ALARM | 3 | POWER |
| Pin No.                                 | Content                                     |                                                                                                           |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 1                                       | GND                                         |                                                                                                           |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 2                                       | FAN ALARM                                   |                                                                                                           |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| 3                                       | POWER                                       |                                                                                                           |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB10-F1<br>(Long life : -F1)        | PBA1000F<br><Modification : F1>             | <br>★Weight : 260g max   |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB10-F3<br>(Air flow reverse : -F3) | PBA1000F<br><Modification : F3>             | <br>★Weight : 210g max   |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB10-F4<br>(Low speed : -F4)        | PBA1000F<br><Modification : F4>             | <br>★Weight : 200g max  |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB15<br>(Standard)                  | PBA1500F<br>PBA1500T<br><Standard>          | <br>★Weight : 210g max |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB15-F1<br>(Long life : -F1)        | PBA1500F<br>PBA1500T<br><Modification : F1> | <br>★Weight : 260g max |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB15-F3<br>(Air flow reverse : -F3) | PBA1500F<br>PBA1500T<br><Modification : F3> | <br>★Weight : 210g max |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |
| FAN-PB15-F4<br>(Low speed : -F4)        | PBA1500F<br>PBA1500T<br><Modification : F4> | <br>★Weight : 200g max |                                                                                                                                                                                                                                                                                                                 |         |         |   |     |   |           |   |       |

★ 1 Handle with care and don't add the impact such as falls or throwing to the unit.

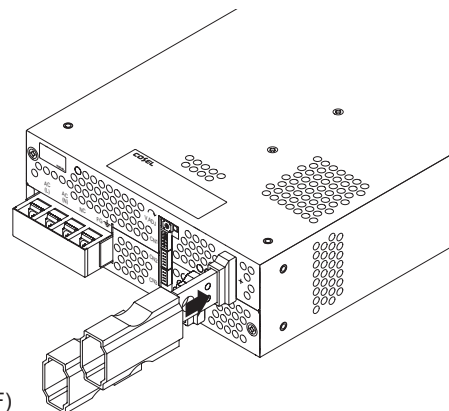
★ 2 Exchange the unit after intercepting the input power.

★ 3 When the unit is exchanged, make sure there are not loosening of the connector and shutting the harness.

# ■ Insulated tube for PBA1000F, PBA1500F, PBA1500T, PJA1000F & PJA1500F

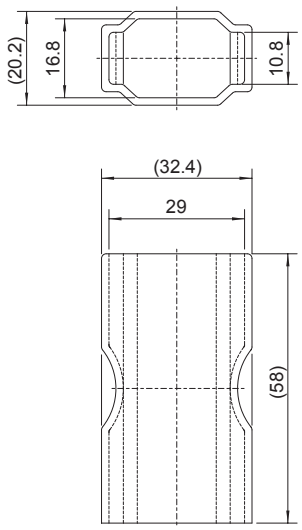
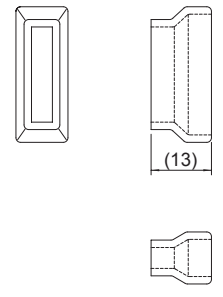
This is a tube used to insulate an output terminal.

| Plate model | Applicable to model                                    |
|-------------|--------------------------------------------------------|
| T-PBA1500-1 | PBA1000F, PBA1500F,<br>PBA1500T, PJA1000F,<br>PJA1500F |
| T-PBA1500-2 | PBA1000F, PBA1500F,<br>PBA1500T, PJA1000F,<br>PJA1500F |



Example(PBA1500F)

(Unit : mm) (Tolerance : ±1)

| T-PBA1500-1                                                                                                                                                                                                                      | T-PBA1500-2                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>★ This is used when insulating the tip portion of an output terminal.</p>  <p>★ Material : Silicone rubber Black<br/>★ Weight : 15g max</p> | <p>★ This is used when insulating the root portion of an output terminal.</p>  <p>★ Material : Silicone rubber Black<br/>★ Weight : 2g max</p> |

★ If this product is attached, a wiring portion can't visible.  
Be careful not to forget to attach the screw or the bolt for electric wire connection.