1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 5).
- Note that the enclosure of the device can become very hot depending on the ambient temperature and load of the power supply. Do not touch the device while it is in operation or immediately after power is turned OFF. Risk of burning!
- Do not touch the terminals while power is being supplied. Risk of electric shock.
- Prevent any foreign metal, particles or conductors to enter the device through the openings during installation. It can cause: - Electric shock; Safety Hazard; Fire; Product failure.
- Warning: When connecting the device, secure Earth connection before connecting L and N. When disconnecting the device, remove L and N connections before removing the Earth connection. The power supply must be mounted by metal screws onto a grounded metal surface. It is highly recommended that the Earth terminal on the connector be connected to the grounded metal surface.

2. Device Descriptions

Refer to Fig. 1.:

① Input & Output terminal block connector
② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-12. The torque at the Connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 3).

4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 4.:
  Recommended mounting tightening torque: 4~7Kgf.cm

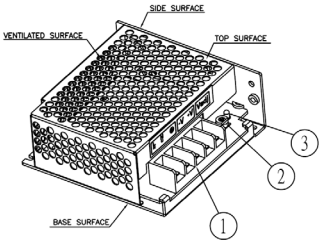


Fig. 1. Device Descriptions

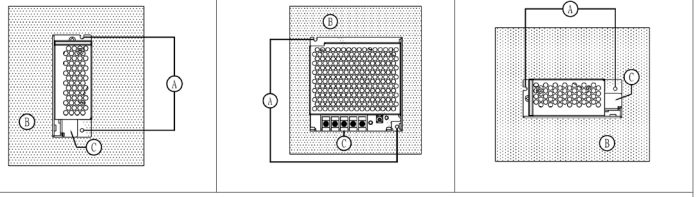


Fig. 2. Mounting Orientation

Lug

Stripped wire

Fig. 3. Wire Type

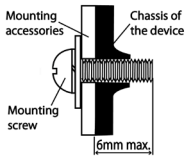


Fig. 4. Mounting Screw

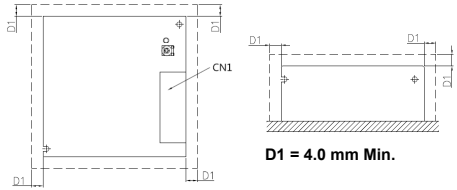


Fig. 5. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 5).
- Note that the enclosure of the device can become very hot depending on the ambient temperature and load of the power supply. Do not touch the device while it is in operation or immediately after power is turned OFF. Risk of burning!
- Do not touch the terminals while power is being supplied. Risk of electric shock.
- Prevent any foreign metal, particles or conductors to enter the device through the openings during installation. It can cause: - Electric shock; Safety Hazard; Fire; Product failure.
- Warning: When connecting the device, secure Earth connection before connecting L and N. When disconnecting the device, remove L and N connections before removing the Earth connection. The power supply must be mounted by metal screws onto a grounded metal surface. It is highly recommended that the Earth terminal on the connector be connected to the grounded metal surface.

2. Device Descriptions

Refer to Fig. 1.:

① Input & Output terminal block connector
② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-12. The torque at the Connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 3).

4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 4.:
  Recommended mounting tightening torque: 4~7Kgf.cm

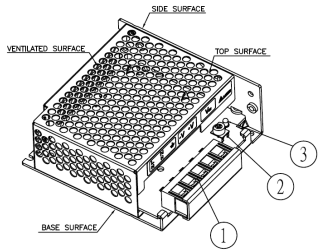


Fig. 1. Device Descriptions

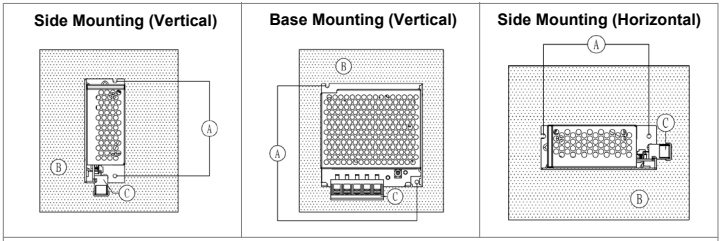


Fig. 2. Mounting Orientation

Lug

Stripped wire

Fig. 3. Wire Type

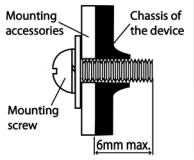


Fig. 4. Mounting Screw

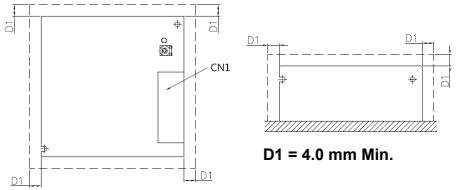


Fig. 5. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 4).
- Note that the enclosure of the device can become very hot depending on the ambient temperature and load of the power supply. Do not touch the device while it is in operation or immediately after power is turned OFF. Risk of burning!
- Do not touch the terminals while power is being supplied. Risk of electric shock.
- Prevent any foreign metal, particles or conductors to enter the device through the openings during installation. It can cause: - Electric shock; Safety Hazard; Fire; Product failure.
- Warning: The power supply must be mounted by metal screws onto a grounded metal surface. It is highly recommended that the Earth terminal on the connector be connected to the grounded metal surface.

2. Device Descriptions

Refer to Fig. 1.:

① Input & Output terminal block connector
② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-18.

	Connector (Board Mounting)	Housing	Terminal
Input (JST)	B3P5-VH(LF)(SN)	VHR-5N	SVH-21T-P1.1
Output (JST)	B2P3-VH(LF)(SN)	VHR-3N	

4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 4.:
  Recommended mounting tightening torque: 4~7Kgf.cm

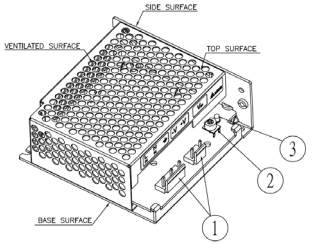


Fig. 1. Device Descriptions

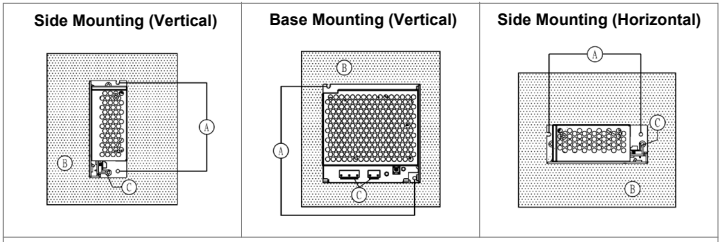


Fig. 2. Mounting Orientation

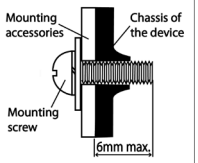
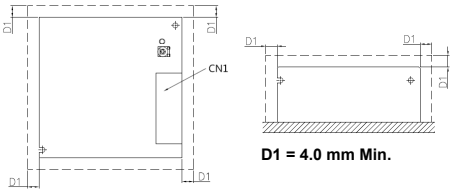


Fig. 3. Mounting Screw



D1 = 4.0 mm Min.

Fig. 4. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 5).
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Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
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- Use flexible cable (stranded or solid), AWG no. 22-12. The torque at the Connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 3).

4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 4.:
  Recommended mounting tightening torque: 4~7Kgf.cm

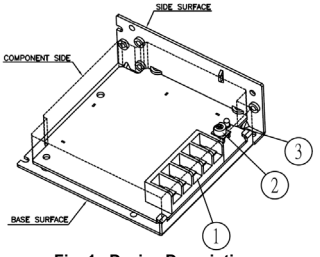


Fig. 1. Device Descriptions

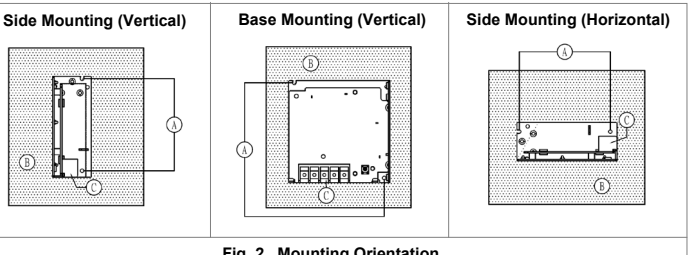
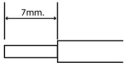


Fig. 2. Mounting Orientation

Lug



Stripped wire

Fig. 3. Wire Type

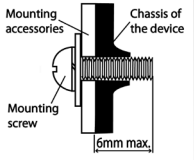


Fig. 4. Mounting Screw

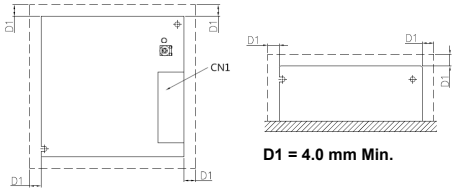


Fig. 5. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 5).
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4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 4.:
  Recommended mounting tightening torque: 4~7Kgf.cm

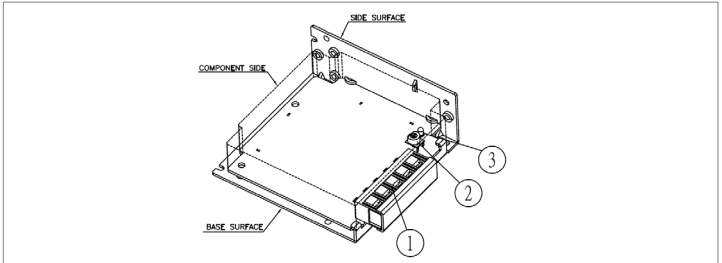


Fig. 1. Device Descriptions

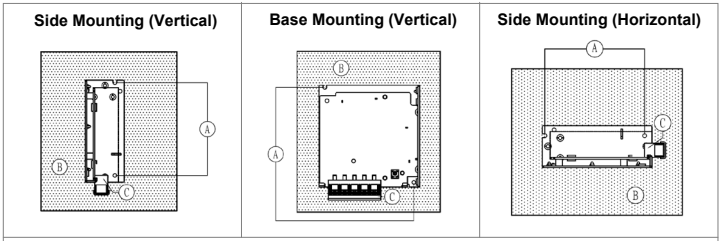


Fig. 2. Mounting Orientation

Lug

Stripped wire

Fig. 3. Wire Type

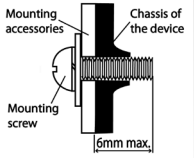
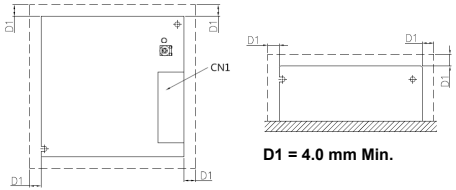


Fig. 4. Mounting Screw



D1 = 4.0 mm Min.

Fig. 5. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 4).
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Refer to Fig. 2.:

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Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-18.

	Connector (Board Mounting)	Housing	Terminal
Input (JST)	B3P5-VH(LF)(SN)	VHR-5N	SVH-21T-P1.1
Output (JST)	B2P3-VH(LF)(SN)	VHR-3N	

4. Installation of Mounting Accessories

- Only use M3 screw ≤ 6mm through the base mounting holes. This is to keep a safe distance between the screw and internal components.
- Refer to Fig. 3.:
  Recommended mounting tightening torque: 4~7Kgf.cm

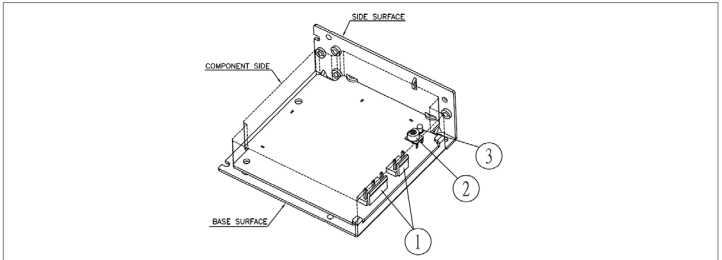


Fig. 1. Device Descriptions

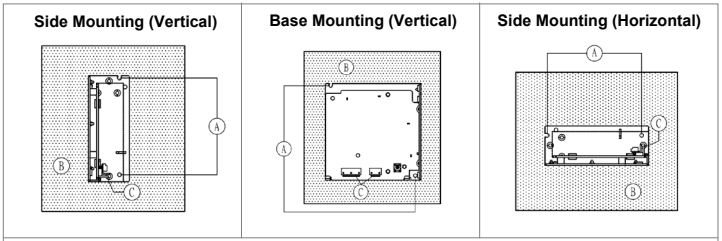


Fig. 2. Mounting Orientation

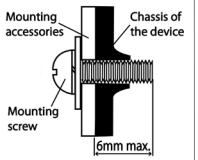
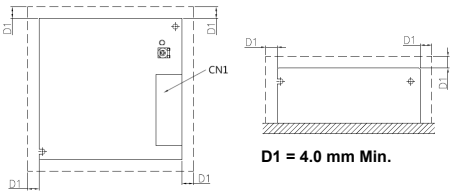


Fig. 3. Mounting Screw



D1 = 4.0 mm Min.

Fig. 4. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 4).
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2. Device Descriptions

Refer to Fig. 1.:

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② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-12. The torque at the Connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 3).

4. Installation Notes

- The mounting holes on the mounting accessories for the device should be kept at a diameter of < 6.5mm. This is to ensure sufficient safety distance between the mounting screw and the components on the device (Refer to Fig. 4).
- Therefore, the diameter of the mounting screw should be kept at < 6.5mm.

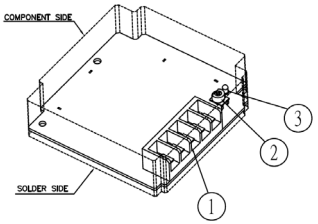


Fig. 1. Device Descriptions

Base Mounting (Vertical)

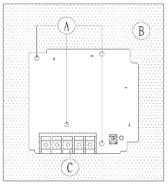
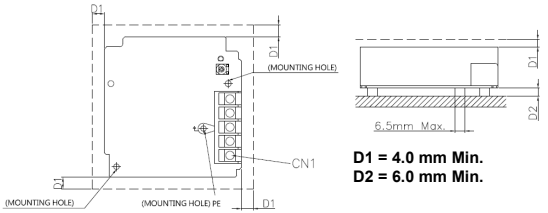


Fig. 2. Mounting Orientation

Lug **Fig. 3. Wire Type** **Stripped wire**



D1 = 4.0 mm Min.
D2 = 6.0 mm Min.

Fig. 4. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 4).
- Note that the enclosure of the device can become very hot depending on the ambient temperature and load of the power supply. Do not touch the device while it is in operation or immediately after power is turned OFF. Risk of burning!
- Do not touch the terminals while power is being supplied. Risk of electric shock.
- Prevent any foreign metal, particles or conductors to enter the device through the openings during installation. It can cause: - Electric shock; Safety Hazard; Fire; Product failure.
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2. Device Descriptions

Refer to Fig. 1.:

① Input & Output terminal block connector
② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

- Use flexible cable (stranded or solid), AWG no. 22-12. The torque at the Connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 3).

4. Installation Notes

- The mounting holes on the mounting accessories for the device should be kept at a diameter of < 6.5mm. This is to ensure sufficient safety distance between the mounting screw and the components on the device (Refer to Fig. 4).
- Therefore, the diameter of the mounting screw should be kept at < 6.5mm.

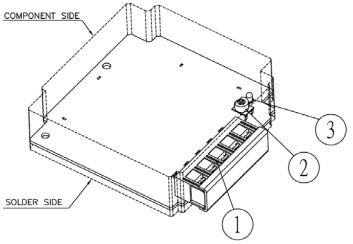


Fig. 1. Device Descriptions

Base Mounting (Vertical)

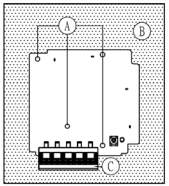
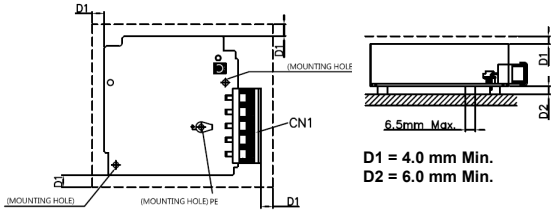


Fig. 2. Mounting Orientation

Lug **Fig. 3. Wire Type** **Stripped wire**



D1 = 4.0 mm Min.
D2 = 6.0 mm Min.

Fig. 4. Assembly Reference

1. Safety Instructions

- To ensure sufficient convection cooling, always maintain a safety distance of 20mm from all ventilated surfaces while the device is in operation.
- The device is not recommended to be placed on low thermal conductive surface, for example, plastics.
- For safety reason, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments (Refer to Fig. 3).
- Note that the enclosure of the device can become very hot depending on the ambient temperature and load of the power supply. Do not touch the device while it is in operation or immediately after power is turned OFF. Risk of burning!
- Do not touch the terminals while power is being supplied. Risk of electric shock.
- Prevent any foreign metal, particles or conductors to enter the device through the openings during installation. It can cause: - Electric shock; Safety Hazard; Fire; Product failure.
- Warning: When connecting the device, secure Earth connection before connecting L and N. When disconnecting the device, remove L and N connections before removing the Earth connection. The power supply must be mounted by metal screws onto a grounded metal surface. It is highly recommended that the Earth terminal on the connector be connected to the grounded metal surface.

2. Device Descriptions

Refer to Fig. 1.:

① Input & Output terminal block connector
② DC voltage adjustment potentiometer
③ DC OK control LED (Green)

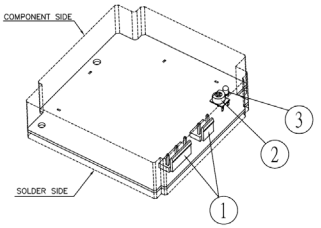


Fig. 1. Device Descriptions

3. Installation of the Device

Refer to Fig. 2.:

Ⓐ Mounting holes for power supply assembly onto the mounting surface. Power supply shall be mounted on minimum 2 mounting holes using M3 screw minimum 5mm length.
Ⓑ This surface belongs to customer's end system or panel where the power supply is mounted.
Ⓒ Connector

Base Mounting (Vertical)

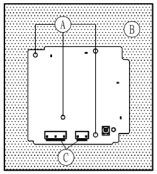
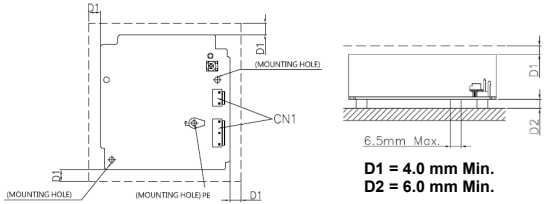


Fig. 2. Mounting Orientation

- Use flexible cable (stranded or solid), AWG no. 22-18.

	Connector (Board Mounting)	Housing	Terminal
Input (JST)	B3P5-VH(LF)(SN)	VHR-5N	SVH-21T-P1.1
Output (JST)	B2P3-VH(LF)(SN)	VHR-3N	



D1 = 4.0 mm Min.
D2 = 6.0 mm Min.

Fig. 3. Assembly Reference

4. Installation Notes

- The mounting holes on the mounting accessories for the device should be kept at a diameter of < 6.5mm. This is to ensure sufficient safety distance between the mounting screw and the components on the device (Refer to Fig. 3).
- Therefore, the diameter of the mounting screw should be kept at < 6.5mm.