Safety Instructions

- Must select correct AC input voltage before turning on (Refer to Fig. 1).
- The device is not recommended to be placed on low thermal conductive surface. For example, plastics.
- For safety reasons, please ensure the mounted device is kept at ≥ 4mm safety distance at all sides from other components and equipments. In addition, to ensure sufficient convection cooling, always maintain a distance of ≥ 20mm from fan ventilated surfaces while the device is in operation. Please insert an insulation sheet between the system and product, if the safety distance is < 4mm (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 from entering the device through the openings during installation. It may cause: - Electric shock: Safety Hazard: Fire: Product
- 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.

Device Descriptions

Refer to Fig. 1.:

- Input & Output terminal block connector
- DC voltage adjustment potentiometer
- DC OK control LED (Green)
- AC selectable switch

Installation of the Device

- Side Mounting: Fig. 2 and Fig. 3 show the mounting hole locations for power supply assembly onto a metal mounting surface. The power supply shall be mounted on minimum of 4 mounting holes using M4 screw of maximum 5mm length (Refer to Fig. 5). This is to maintain a safety distance between the screw and internal components.
- Base Mounting: Fig. 2 and Fig. 3 show the mounting hole locations for power supply assembly onto a metal mounting surface. The power supply shall be mounted on minimum of 4 mounting holes using M4 screw of maximum 4mm length (Refer to Fig. 5). This is to maintain a safety distance between the screw and internal components.
- Fig. 2: Connector
- Fig. 2: This surface belongs to customer's end system or panel where the device is
- Use flexible cable (stranded or solid) of AWG No. 20-12. The input/output connectors' allowable current is 23A max per pin. User should calculate and select the suitable wire specification (type/quantity/diameter) according to actual output current. The torque at the connector shall not exceed 13Kgf.cm. The insulation stripping length should not exceed 0.275" or 7mm (Refer to Fig. 4).
- Recommended mounting torque of the product and its mounting accessories is 9~12Kqf.cm.

Installation of Mounting Accessories

Please refer to the requirements in section 3 for the "Installation of the Device".

PMT-24V350W1AG, PMT- V350W1AK. PMT- V350W1AM, PMT- V350W1AR PMT-DV350W1AN (Front Face Terminal Block) (Standard Terminal Block) TOP SURFACE TOP SURFACE FAN SURFAC FAN SURFAC SIDE SURFACE SIDE SURFAC BASE SURFACE BASE SURFACE

Fig. 1. Device Descriptions

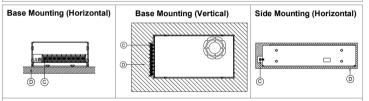
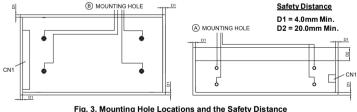


Fig. 2. Mounting Orientations





1. 安全規範

- 通電前需選擇正確電壓(依據圖一)。
- 與風扇表面保持至少 20mm 的距離,以確保對流冷卻充分。
- 本產品不適合擺放在低熱導體,例如:塑膠。
- 本產品安裝完成後,周圍設備必須與本產品保持至少 4mm 的距離以滿足安全規範 (請參考圖一)。當距離無法達到 4mm 時,請於系統與本產品之間加裝絕緣片。
- 受環境溫度及產品負載的影響,本機外殼溫度會很高,因此在上電時或切斷電源後短時間內不要觸模本機,以免邊傷。
- 請勿在上電時觸摸連接端子,以防電擊危險。
- 安裝過程中,應避免金屬元件或金屬導體通過空隙或通風孔進入到產品內,否則會引 起下列狀況。
 - 雷擊;安全危害;火災;產品異常
- 警告:在連接產品電源供應時,產品必須先接地然後才接L和N。當要解開電源供應時,必須先把L和N解開然後才把接地解開。安裝時,電源供應器之鐵殼必須以金屬螺絲鎖附於固定面,該固定面必須為金屬材質並與電源主接地連接。並建議輸入接地端子連接至電源主接地。

2. 產品外觀介紹

依據圖一:

- 1 輸入輸出連接端子
- ② 直流電壓調節電位器
- ③ 直流電控制 OK 指示燈 (綠色)
- 交流輸入切換開關

3. 產品固定方式

- 倒面安裝(依據圖二與圖三):在把產品安裝在固定表面時,將螺絲鎖人此固定 孔。產品應該用伸入產品長度不超過 5mm 的 M4 螺絲(依據圖五)鎖入側面至少 四個固定孔。這是為了確保螺絲和內部元件間有足夠的絕緣距離。
- (配面安裝(依據圖二與圖三):在把產品安裝在固定表面時,將螺絲鎖人此固定 孔。產品應該用伸入產品長度不超過4mm的M4螺絲(依據圖五)鎖入底面至少 四個固定孔。這是為了確保螺絲和內部元件間有足夠的絕緣距離。
- ◎ 圖二: 輸入/輸出連接端子。
- 〇 圖二: 此固定表面為客戶系統表面。
- 電線的設計可使用多股或實心,AWG No. 20-12。輸入/輸出連接端子的耐電流為 23A/PIN,使用者需依產品實際的輸入輸出電流選擇適當的電線規格(種類/線數/線 徑)。扭矩不應該超過13Kgf.cm剝線的長度不應該超過0.275"或者7mm(依據圖四)。
- 建議產品與產品配件固定螺絲扭矩為 9~12Kgf.cm。

4. 配件組合安裝

請參考上述"3.產品固定方式"的內容要求。

1. 安全规范

- 通电前需选择正确电压(依据图一)。
- 与风扇表面保持至少 20mm 的距离,以确保对流冷却充分。
- 本产品不适合摆放在低热导体,例如:塑胶。
- 本产品安装完成后,周围设备必须与本产品保持至少 4mm 的距离以满足安全规范 (请参考图三)。当距离无法达到 4mm 时,请干系统与本产品之间加装绝缘片。
- 受环境温度及产品负载的影响,本机外壳温度会很高,因此在上电时或切断电源后短时间内不要触模本机,以免资伤。
- 请勿在上由时触摸连接端子,以防由击危险。
- 安装过程中,应避免金属元件或金属导体通过空隙或通风孔进入到产品内,否则会引起下列状况。
 - 电击;安全危害;火灾;产品异常
- 警告:在连接产品电源供应时,产品必须先接地然后才接L和N。当要解开电源供应时,必须先把L和N解开然后才把接地解开。安装时,电源供应器之铁壳必须以金属螺丝锁附于固定面,该固定面必须为金属材质并与电源主接地连接。并建议输入接地端子连接至电源主接地。

2. 产品外观介绍

依据图一:

- 1 输入/输出连接端子
- ② 直流电压调节电位器
- 4) 交流输入切换开关

3. 产品固定方式

- 例面安装(依据图二与图三):在把产品安装在固定表面时,将螺丝锁入此固定 孔。产品应该用伸入产品长度不超过 5mm 的 M4 螺丝(依据图五)锁入侧面至少 四个固定孔。这是为了确保螺丝和内部元件间有足够的绝缘距离。
- (图) 底面安装(依据图二与图三):在把产品安装在固定表面时,将螺丝锁入此固定孔。产品应该用伸入产品长度不超过4mm的M4螺丝(依据图五)锁入底面至少四个固定孔。较是为了确保螺丝和内部元件间有足够的绝缘距离。
- (C) 图二: 输入/输出连接端子。
- 图二: 此固定表面为客户系统表面。
- 电线的设计可使用多股或实心,AWG No. 20-12。输入/输出连接端子的耐电流為 23A/PIN,使用者需依產品实际的输入输出电流选择适当的电线规格(种类/线数/线 径)。扭矩不应该超过13Kgf.cm剥线的长度不应该超过0.275"或者7mm(依据图四)。
- 建议产品与产品配件固定螺丝扭矩为 9~12Kgf.cm。

4. 配件组合安装

• 请参考上述"3.产品固定方式"的内容要求。