

Replacement PSU PCB & Cover (CVS-MDPSU) for Mains Powered DAU

These instructions describe how to install the replacement PSU PCB assembly and cover (CVS-MDPSU) into a Mains Powered DAU. The package contains:



Replacement PSU PCB assembly

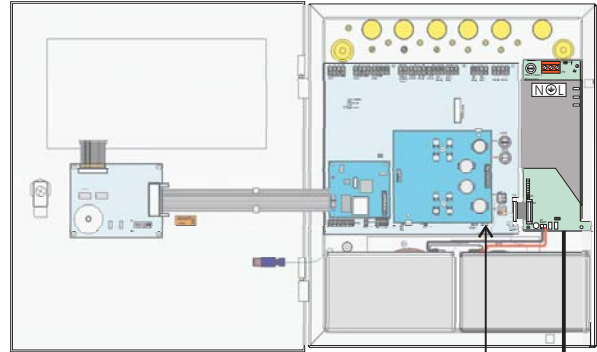


Replacement Cover

⚠ Isolate the mains power supply to the Mains Powered DAU.

⚠ When handling PCBs always use anti-static work procedures.

Mains Powered DAU

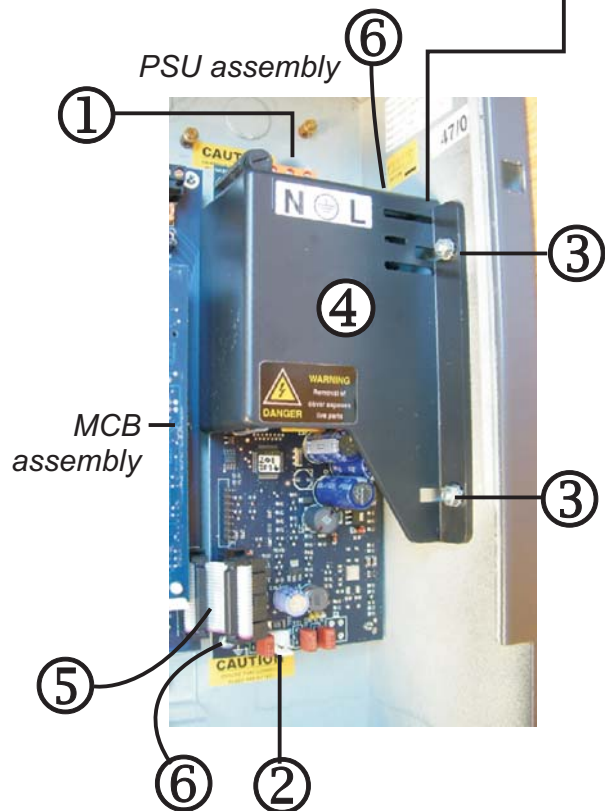


<input type="checkbox"/>	OFF
<input type="checkbox"/>	Normal indication
	ON
	Stored energy being discharged

⚠ Upon removal of mains and battery power this amber LED will be lit until the energy stored in the charged components is fully discharged. Only remove parts after the amber LED has extinguished.

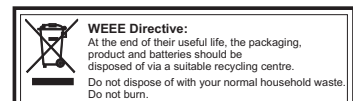
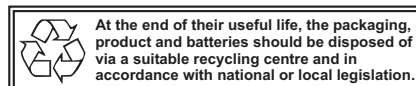
Removal

- Ensure the mains supply to the Mains Powered DAU is isolated.
- Unlock and open the door on the Unit.
- Unplug the battery lead from the connector P7 **②** and disconnect the mains cable from the mains terminals **①** at the PSU assembly.
- Check the amber discharge LED on the Main Control Board (MCB) has extinguished.
- Unplug the battery lead from the connector P7 **②** and disconnect the mains cable from the mains terminals **①** at the PSU assembly.
- Remove the two nuts and washers **③** that secures the cover from the Mains Powered DAU (**keep these for later use**) and slide out the cover **④**.
- Disconnect the ribbon cable from connector P3 on the PSU PCB assembly **⑤**.
- Remove the two screws and washers that secure the PSU PCB assembly **⑥** (**keep these for later use**) and then lift out the PSU PCB assembly **④** from one self clinching standoffs at a time.



Replacement

- a. Fit the **Replacement PSU PCB assembly** on to the two self clinching standoffs.
- b. Ensure that the *Replacement PSU PCB assembly* is secured using screws and washers at the two fixing points ⑥.
- c. Reconnect the ribbon cable ⑤ to connector P7 on *Replacement PSU PCB assembly*.
- d. Align the **Replacement cover** ④ with the two fixings on the unit side. Slide the *cover* into the *unit* and secure it using the nuts and washers ③.
- e. Reconnect the mains cable to mains terminals ① on the *Replacement PSU assembly*.
- f. Reconnect the battery lead to connector ② on *Replacement PSU PCB assembly*. **Note the unit will not power up until the mains supply is present.** Switch on the Mains power to the *Mains Powered DAU*.
- g. Ensure normal indications are restored on the *Mains Powered DAU*.
- h. Close the lock the door on the *Mains Powered DAU*.



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<p>GENT by Honeywell</p>	Hamilton Industrial Park, Waterside Road, Leicester LE5 1TN, UK	Website: www.gent.co.uk
	Telephone: +44 (0) 116 246 2000	Fax (UK): +44 (0)116 246 2300