



## 230Vac Surge Protected DC Power Supplies

Features:

- Surge Protected
- 230Vac Input
- DIN Rail Mountable
- AC / DC or Adjustable Output



### DC Power Supplies:

Voltage	Current	Code
12Vdc	500mA	DIN12DC1
12Vdc	1.0Amp	DIN12DC2
12Vdc	1.7Amp	DIN12DC3
12Vdc	1.0Amp with Backup 13.5V Lead-Acid Battery Charger	DIN12DC4
24Vdc	270mA	DIN24DC1
24Vdc	550mA	DIN24DC2
24Vdc	880mA	DIN24DC3

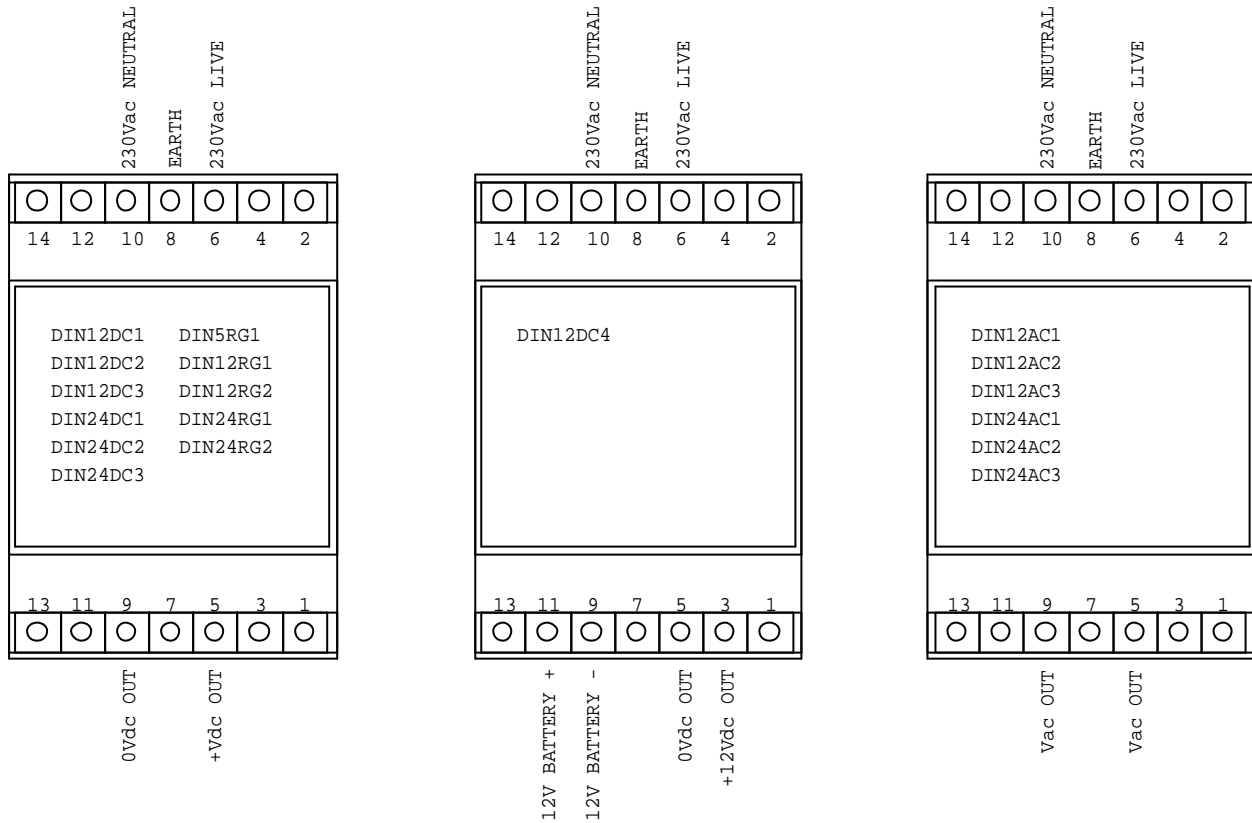
### Regulated Power Supplies:

Voltage	Current	Code
5Vdc	800mA	DIN5RG1
12Vdc	500mA	DIN12RG1
12Vdc	1.0Amp	DIN12RG2
24Vdc	410mA	DIN24RG1
24Vdc	660mA	DIN24RG2

### AC Power Supplies:

Voltage	Current	Code
12Vac	410mA	DIN12AC1
12Vac	830mA	DIN12AC2
12Vac	1.3Amp	DIN12AC3
24Vac	200mA	DIN24AC1
24Vac	410mA	DIN24AC2
24Vac	660mA	DIN24AC3

**Connection Diagrams:**



**Important:** Please read this information BEFORE installing the equipment.



**Intended Users**

This manual is to be available to all persons who are required to install or configure equipment described herein, or any other associated operation.

The information given is intended to highlight safety issues, and to enable the user to obtain maximum benefit from the equipment.

### Personnel

Installation and maintenance of the equipment should be carried out by qualified personnel. A qualified person is someone who is technically competent and familiar with all safety information and established safety practices; with the installation process, operation and maintenance of this equipment; and all the hazards involved.

### Hazards

Warning! Failure to observe the following will constitute an Electrical Shock Hazard.

- The power supply connected to this equipment must be permanently earthed.
- Before working on the equipment, ensure isolation of the mains supply.
- When replacing a unit in an application and before returning to use, it is essential that all parameters for the product's operation are correctly installed.

### Equipment Inspection

- Check for signs of transit damage
- Check that the power supply and peripheral connected to this device conforms to the specified ratings as described in this document.
- If the unit is not being installed immediately, store unit in a well-ventilated place away from high temperature, humidity, dust, or metal particles.

### Wiring Techniques

Wiring for this device has been designed to be safe and easy. If the user is concerned about the correct installation of these products or associated products, please contact a professional electrician who is trained to the local and national standards applicable to the installation site.

### Foreword

- This manual contains text, diagrams and explanations which will guide the reader in the correct installation and operation of these devices. **This document should be read and understood before attempting to install or use the unit.**
- If in doubt at any stage of the installation of this device always consult a professional electrical engineer who is qualified and trained to the local and national standards which apply to the installation site.
- If in doubt about the operation of this device please consult the nearest **AccentroniX** distributor.
- This manual is subject to change without notice.

### Caution

- Units should not be installed in areas subject to the following conditions: excessive or conductive dust, corrosive or flammable gas, moisture or rain, excessive heat, regular impact shocks or excessive vibration.
- Do NOT use this equipment for medical applications.
- Take special care not to allow debris to fall into the unit during installation e.g. cut wires shavings etc.
- Always ensure that the mounted unit is kept as far away as possible from high-voltage cables, high-voltage equipment and high-voltage power equipment.
- Do not lay signal cables near high-voltage power cabling or cabinet housing along the same trunking duct. Effects of noise or surge induction may occur. Keep signal cables of more than 100mm (3.94") away from these power cables.
- Cut off all phases from the power source before installation or performing wiring work to avoid electrical shock. Incorrect operation can lead to serious damage to the product.
- Replace the terminal cover provided, after insulation or wiring work is completed, and before supplying power and operating the unit to avoid electrical shock.
- When using an incorrect power source or performing incorrect operation, serious damage will occur regardless of the level of the voltage and frequency.
- Terminal screws should be tightened to between 0.5 and 0.8 Nm up to a maximum of 1.2Nm. Screws must be secured to prevent a loose connection thus avoiding a malfunction.