

Description and Operation

Edwards DC power supplies are easy to install, convection cooled low voltage power sources designed to operate DC powered products including bells, buzzers, horns and beacons.

Installation

1. Mount the power supply using one of the following methods.
 - a. Mount using (2) M3 threaded holes located on either the side or the bottom of the power supply.

OR

 - b. Mount the power supply using the (2) predrilled 3.5 mm holes located on either the side or the bottom of the power supply.

NOTE: Pre-drilled holes on Cat. Nos. S-40-24 and S-60-24 are accessible without removal of cover.

For Cat. No. S-25-24 only, remove the single screw (located in the corner of the power supply) securing the cover on the power supply. Slide the cover back and then lift up and remove the cover.

Replace the cover on the Cat. No. S-25-4 power supply and secure using screw removed in step 1.b.

⚠ WARNING

Prior to making connections, ensure the supply voltage is turned off to prevent accidental electric shock.

2. Connect supply wiring to terminal block TB1 (Figure 1, 2 or 3) as follows. Using a three-wire cord, connect the black conductor (Line) to the terminal labeled "L", connect the white conductor (Neutral) to the terminal labeled "N" and connect the green conductor (Ground) to the terminal labeled \perp .
3. Connect a wire from the positive side of the load to the terminal screw labeled "V+". Connect a wire from the negative side of the load to the terminal screw labeled "V-".
4. After all electrical connections have been made, turn on the supply voltage. The green power LED should illuminate indicating voltage output.

The output is factory set for 24V DC and no adjustment should be required. However, if voltage adjustment is necessary, turn the voltage adjustment potentiometer "SVR1" counterclockwise to lower the voltage or clockwise to increase the voltage. The voltage is adjustable from 21.6V to 26.4V.

Table 1. Electrical Specifications

Catalog Number	Input Power	Output Power	
		Volts	Watts
S-25-24	85 - 264V AC 47-63 Hz	24V DC	25
S-40-24	85 - 264V AC 47-63 Hz	24V DC	40
S-60-24	85 - 264V AC 47-63 Hz	24V DC	60

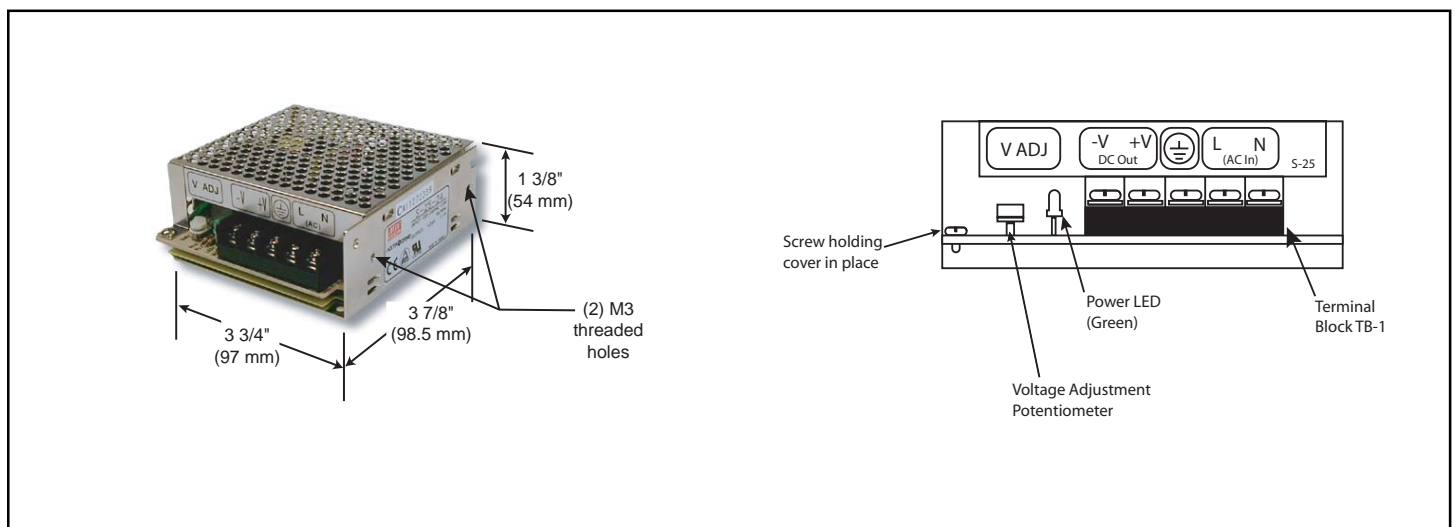


Figure 1. Catalog Number S-25-24

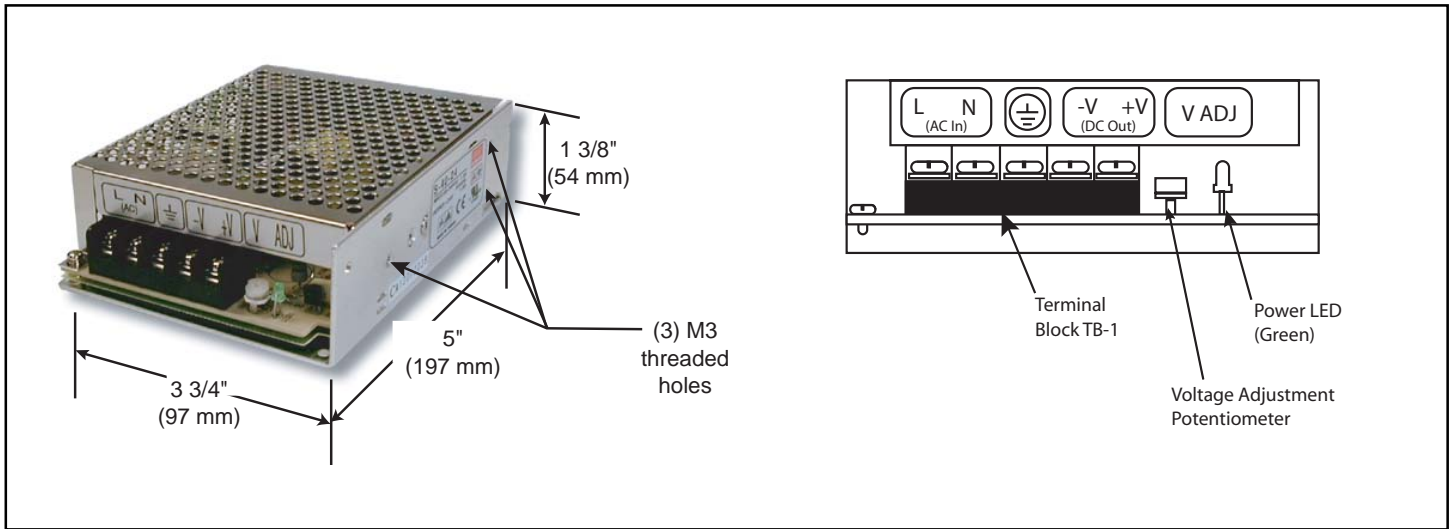


Figure 2. Catalog Number S-40-24

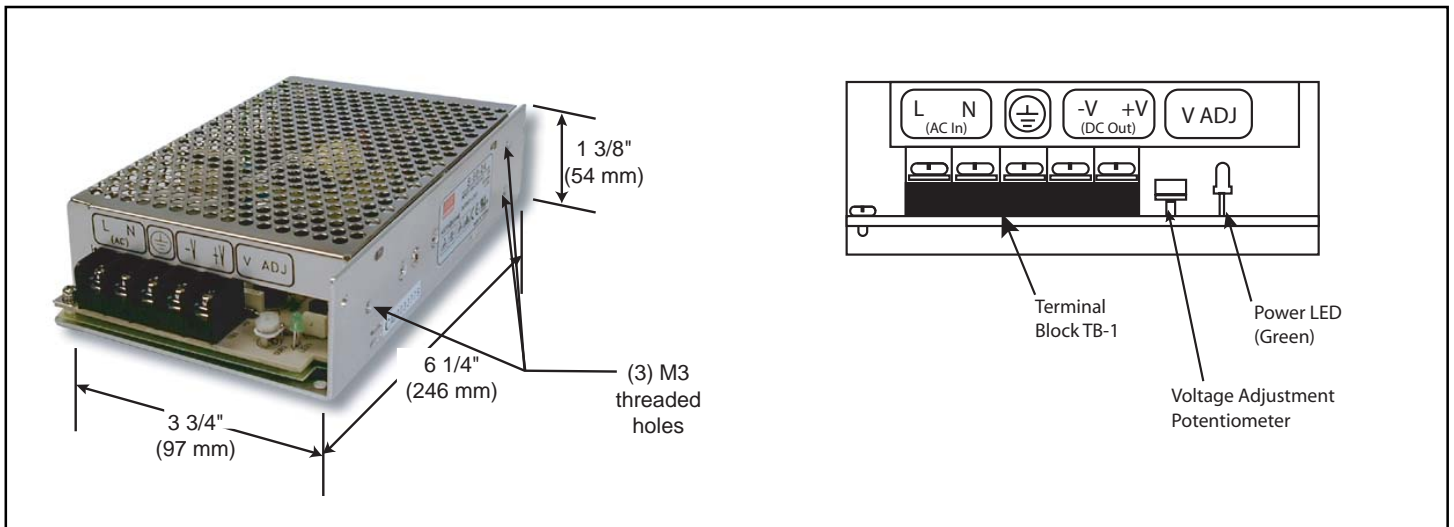


Figure 3. Catalog Number S-60-24