



E140 Series

Wall Mounted Unregulated Power Supplies
230 Vac and 400 Vac Inputs

Model E140 ±12Vdc 2.5A

Model E143 ±24Vdc 5A

Model E141 ±12Vdc 5A

Model E142 ±12Vdc 10A

Model E144 24Vdc 5A

The EMS E140 Series dual and single output unregulated power supplies are designed primarily for industrial applications. They are housed in rugged steel enclosures that incorporate keyhole slots for wall mounting.

The units have two 20mm diameter cable entry holes for supply and output leads. Supply connections are made on a seven way terminal block. Customer fitted links, as shown on the terminal block label, allow for 230 Volt or 400 Volt applications. Output connections are made on a three way terminal block.

The units should be mounted with the heatsink to the top and in a position, that allows adequate convected ventilation. In some applications, it may be necessary to provide forced air circulation to prevent the units overheating.

In all applications, the supply must be fused using an anti-surge type fuse.

In all applications, the chassis must be connected to a suitable earth point.

Technical Specification	Model E140	Model E141	Model E142	Model E143	Model E144
Supply Voltage	230 Vac or 400 Vac				
Supply Frequency	50 / 60 Hz				
Power Rating (Max)	100 VA	200 VA	400 VA	400 VA	200 VA
No Load Output Voltage (Typical)	±15 Vdc	±15 Vdc	±15 Vdc	±30 Vdc	±30 Vdc
Nominal Output Voltage	±12 Vdc	±12 Vdc	±12 Vdc	±24 Vdc	24 Vdc
Ripple (RMS at Full Load)	10% of Nominal Output Voltage				
Output Current	2.5 A	5 A	10 A	5 A	5 A
Operating Temperature	0 to 40 °C				
Weight	3.4 Kg	3.8 Kg	4.7 Kg	4.7 Kg	3.8 Kg

