LOW COST DC POWER SUPPLY
Regulated 0.5 A, 1 A Fuse Protection

The Model BPS-005 Low Cost DC Power Supply is a regulated 0.5 A power supply that accepts 24 VAC input and provides an adjustable 1.5 to 29 VDC output. Output voltage adjustments are made using the on-board potentiometer while measuring the output with a multimeter. A compact snap track design allows the power supply to be surface mounted within a panel.

FEATURES/BENEFITS
• Snap track design allowing for easy panel installation
• Regulated 0.5 Amp

APPLICATIONS
• BAS
• HVAC

SPECIFICATIONS
Input: 24 VAC/VDC 50/60 Hz.
Output: 24 VDC (full wave rectified and regulated) adjustable 1.5 to 29 VDC, 0.5 A max.
Maximum Current Output: 0.5 A.
Over-Current Protection: 1 A fuse.
Operating Temperature: 32 to 130°F (0 to 55°C).
Humidity Limits: 95% (non-condensing).
Weight: 0.4 lb.
Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

MODEL CHART
Model Description
BPS-005 Low cost DC power supply

LOW COST DC POWER SUPPLY
Regulated 1.5 A, 3 A Fuse Protection

The Model BPS-015 Low Cost DC Power Supply is used to convert 24 VAC to a regulated DC power source for transmitters with 4 to 20 mA outputs. The output voltage can be field adjusted from 1.5 V to 27 V using a potentiometer. The 3 A fuse protects the power supply from over-current conditions. The snap-on bracket can be quickly surface mounted to any flat surface.

FEATURES/BENEFITS
• Snap track design allowing for easy panel installation
• Regulated 1.5 Amp

APPLICATIONS
• BAS
• HVAC

SPECIFICATIONS
Input: 24 VAC/VDC 50/60 Hz.
Output: 24 VDC (full wave rectified and regulated) adjustable 1.5 to 27 VDC.
Maximum Current Output: 1.5 A (de-rated to 400 mA for non-isolated circuits).
Temperature Limits: 32 to 130°F (0 to 55°C).
Humidity Limits: 95% (non-condensing).
Weight: 0.4 lb.
Agency Approvals: CE, cULus.

MODEL CHART
Model Description
BPS-015 Power supply

DIN RAIL MOUNT DC POWER SUPPLY
Regulated 1 A, 24 VDC Output

The Model SCD-PS DIN Rail Mount DC Power Supply is a compact and economical solution for providing DC power to any Dwyer pressure, humidity, temperature, level or air velocity transmitters. Input voltage can range from 100 to 240 VAC, 50/60 Hz without any jumpers or dip switch selections. A plastic cover slides over the terminals in order to prevent shock from accidental touching of high voltage wires.

FEATURES/BENEFITS
• DIN rail mount
• Universal supply voltage input

APPLICATIONS
• BAS
• HVAC

SPECIFICATIONS
AC Input: 100 to 240 VAC, 50/60 Hz.
DC Output: 24 VDC (±3% VDC).
Maximum Current Output: 1 A.
Noise: Under 100 mVp-p typical at full load.
Temperature Limits: 32 to 131°F (0 to 55°C).
Weight: 5.6 oz (158 g).
Agency Approvals: CE, cULus.

MODEL CHART
Model Description
SCD-PS DIN Rail DC Power Supply