

Power Development Solutions, LLC

5285 NE Elam Young Parkway, Suite B800 Hillsboro, Oregon 97124
Phone: (503) 799-1784

The **PM 810 PowerMonitor™** Power Distribution Strip



- α Displays Voltage, Current, Power and Power Factor
- α Desktop or 19 rack mount with configurable ears.
- α Options available for standard inlet / outlet connectors and over current protection.
- α Low burden operating power.
- α Made in the USA.
- α Not made in China
- α V-Lock Locking system available for the IEC application couplers to prevent accidental cord removal.

The PM 810 is a rugged 19" rack mount or bench top power distribution strip that can be configured with a range of overcurrent protection devices and inlet / outlet types.

Applications for the PM 810 include supporting R&D engineering lab projects, monitoring power in a production environment or integration with a control system for industrial equipment.

The PM 810 Power Monitor is a member of a family of products that offer a wide range of features to inform you of voltage, current and power usage, and provide a means to control and monitor power to many loads. For more information on available features visit PDS-Design.com or call xxx.xxx.xxxx

Where available, the V-Lock style inlets and outlets are offered as a standard feature to provide a means to secure power cords from accidental disconnecting. V-Lock style inlets and outlets will also accept standard cord plugs. For V-Lock connector information visit www.schurterinc.com.

If you need to not only monitor power but also remotely communicate and log data for each outlet, visit PDS-Design.com and see the PowerTracker product line.

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PM 810 Specifications:

MAINS INPUT	
Voltage	120VAC _{L-N} , 1 Φ (nominal)
Frequency	50/60Hz
Maximum input Amps	15A maximum
Input connection type	Detachable cord via C14 inlet
OUTPUT	
Output Nominal Voltage	Equivalent to Main Input Voltage
Outlet quantity/type ¹	Outlets: 8 – 120VAC, IEC C13
Overload protection ¹	15A UL1077 supplementary protector or Fuse (lower amperage ratings available)
Output power	1800 watts total
POWER MONITOR	
Current measurement accuracy	±2%
Voltage measurement accuracy	±1%
Power measurement accuracy	±2%
Power Factor accuracy	±3%
PHYSICAL	
Unit weight	5 lbs / 2.3 kg
Unit dimensions (HWD in inches)	1.75 x 17.3 x 4.0
Material of construction	steel
Form factor	1U rackmount
Style	19" Rackmount
Inlet Receptacle, Outlet Receptacle	IEC C14. IEC C13 both V-Lock ready (other receptacles available)
ENVIRONMENTAL	
Relative Humidity	0 – 80%, non-condensing
Temperature	Storage: -40 to +75°C Operating: 0 to +40°C
DESIGN	
Regulatory	CE

Note: 1) Consult factory for alternate construction options for this part or function.



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Product Includes:

- α PDS PowerMonitor™
- α 2 - Rack mounting brackets

Identify Switch

Burden : 11 watts

This specifications sheet is preliminary.