

# RM Range

**POWER-PLEX  
INTERNATIONAL**  
DUBLIN - LONDON - TORONTO



RACK MOUNTING POWER SUPPLY (Front view)

## RM.8016

This standard model is a 24 VAC, 8 Amp unit with 16 half amp fused and indicating outputs. A blue LED is located on the front fascia to indicate the presence of Mains and each output is indicated by a green LED. All connections are via plug-in terminal connectors at the back of the unit for ease of service. ( see Photo ). In the event of a short or overload of any output the green LED will turn red.



RACK MOUNTING POWER SUPPLY (Rear view)

## RM.1616

This standard unit is similar to the above 8016 but features 16 individually fused and indicating one amp outputs, giving a total output of 16 Amps.

## RM.8016S

This standard 24VAC, 8 Amp, 16 output unit features similar output configurations to the above units but in addition has a slide switch above each output allowing the engineer to select high or low voltage output, eg., 24 VAC or 28.5 VAC. The purpose of this feature is to allow the engineer to compensate for voltage drop on long cable runs by selecting the higher voltage. Output status indication is by tri-colour LED's on the front panel which distinguish between 24 Volt (green), 28.5 Volt (yellow) and fuse blown (red)

## RM.1616S

As above but featuring 16 Amps via 16 one amp fused and indicating voltage selectable outputs with similar LED indications to the RM.8016S.

## A wide range of Rack Mounted Power Supplies available as standard or customised to your specific requirements

Power-Plex produces a wide range of 19" Rack Mounting Power Supplies for use in major installations. Some are standard models, such as those described here, and others are custom designed to meet specific customer applications.

Rack Mounting power supplies may be supplied in either 12 or 24 volt DC, or 24 Volts AC, or a combination of both types. Standard models normally come as a 2U unit and can be either 8 or 16 outputs, with total power output of 8 or 16 amps. They come in black textured semi-matt finish and feature the indicating LED's on the front fascia. Mains connections are via a standard 3-prong IEC plug at the rear.

On the AC units the internally mounted circuit boards feature PTC's or "smart fuses" which are re-settable, instead of the traditional glass fuses. This means in the case of a short or overload the output simply shuts down, and once the fault is removed the output reverts to normal. This removes the need for engineers to carry a range of spare fuses for replacement, and furthermore it should not be necessary to even open the cabinet for maintenance purposes.

In the case of the DC units the normal fast acting glass fuses are used due to their speed of operation and to prevent damage to voltage sensitive equipment.

## RM.1616- I/O.

This unit gives 16 individual isolated 24 VAC outputs to help alleviate cross-talk between cameras and switching equipment on sensitive systems.

### Notes :-

DC outputs are normally via switch mode type power supply units, normally the Power-Plex SX or SMM ranges, although where required, Monitored units such as the Power-Plex MT models, giving relay warning outputs in the case of AC, DC or Battery Failure can be supplied to meet European Standards such as the EN.50131, Part 6.

### Accessories:-

Where required we are happy to recommend rack slide units, cabinets, or other accessories to help customers assemble their own racks.

[www.power-plex.ie](http://www.power-plex.ie)

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