

## Mains Distribution Modules - 19" rack fixing



Illustrated Models = MDM-1U+2U+3U.....(EIA/PDL)

### INTRODUCTION :-

These typical MAINS/Power DISTRIBUTION MODULES have been designed to provide low current Mains Power to various internal or external mobile or portable Test and Measurement Equipments from the front or from within 19" Equipment Racks. The basic sizes (1~3 Rack Units x 50~150mm deep) have been chosen to contain up to 2 levels circuit protection, status indicators and from 4 up to 12 NZ /Australian outlets. With minor re-assembly, the unit may also be fixed internally or at the rear of a 19" Rack where it can distribute power to internal rack equipments. Other CASA module sizes will accommodate customers specific requirements as appropriate.

Variations on the basic design can accommodate multipole terminal strips, EIA/IEC mains plugs and sockets, miniature circuit breakers, fuses, neon indicators and switches for individual outlets, RFI/EMI Filters, Voltage & Hour Metering etc.

**CASA's Design Philosophy:-** Compatibility, Adaptability, Simplicity and Acceptability achieves sound Engineering, Cost Economy and Aesthetics.

### FEATURES:-

- 1) **New Zealand and Australian 3 pin** (industrial quality) power **sockets** are used to connect to the external (or internal equipments).
- 2) Standard MAINS DISTRIBUTION MODULE uses internationally available **EIA/IEC Power Cable** for the input supply.
- 3) **Modular** Design permits SPECIALS, such as alternative finishes and electrical or mechanical variants can be produced

### General Specification Details:-

➡	<b>Panel Width</b> (Standard overall width of front & rear panels) :-	<b>17" (431.8mm) bare</b> <b>19" (with rack brackets)</b>
	<b>Depth</b> (behind front panel excluding connectors, cables etc.)	<b>100mm (plus fittings)</b>
	<b>Panel Height</b> (Standard rack units. See CASA Rack Module data sheet):-	<b>43.7~132.5mm (1~3 rack units)</b>
➡	<b>Input Rating</b> (Current ratings are limited by source connection):-	<b>5-10 Amps @ 240V 50Hz</b>
➡	<b>Output Rating</b> (Current ratings are limited by connector type & source):-	<b>5 Amps MAX on any outlet</b>
➡	<b>Finishes</b> (variations on CASA's standards are available):-	<b>Anodized (Aluminum Parts)</b> <b>Gold passivated Zinc (steel)</b>
➡	<b>Fixing:-</b>	<b>Standard 19" Rack Centres</b>
	<b>Weight:-</b>	<b>from 1.5Kg (approx)</b>

### Intelligent Part Number:- MDM-xxUxD-xAyW(special adder/suffix)

Please compose a Part Number according to this system and use on your official order.

<b>MDM-</b>	Prefix to indicate "MAINS DISTRIBUTION MODULE".
<b>xxU-</b>	HEIGHT in RACK Units (multiples of 44.45millimeters).
<b>D-</b>	DEPTH in mm (multiples of 50 millimeters from 50 to 500mm max)
<b>xA-</b>	Maximum CURRENT rating for whole module in "AMPS"
<b>yW-</b>	The total number of output "WAYS" or sockets (6W = 6 Outlets)
<b>(-----)</b>	Special adder/suffix gives detail of Input/Output connectors, specification or Drawings etc.