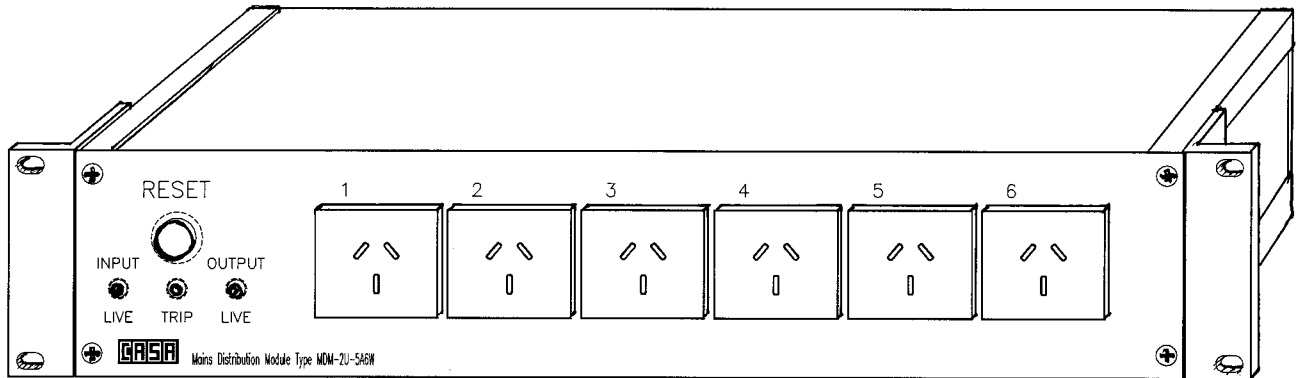


## Mains Distribution Module - 19" rack fixing



Illustrated Model = MDM-2Ux150-5A6W(EIA/PDL)

### INTRODUCTION :-

This MAINS DISTRIBUTION MODULE has been designed to provide low current Mains Power for portable Test and Measurement Equipments from the front of 19" Equipment Racks. The basic sizing (2 Rack Units x 100mm deep) has been chosen to contain 2 levels circuit protection, status indicators and up to 6 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.

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 Power Cable** for the input supply.
- 3) **Modular** Design permits SPECIALS, such as alternative finishes and electrical or mechanical variants can be produced economically even in small quantities.
- 4) **Custom** design can be undertaken to meet special requirements. Please enquire giving details of features and quantities.

### 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)	<b>88.1mm (2 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 &	<b>5 Amps MAX on any outlet</b>
➔ <b>Finishes</b> (Standard):-	<b>Anodized (Aluminum Parts)</b> <b>Gold passivated Zinc</b>
➔ <b>Fixing:-</b>	<b>Standard 19" Rack Centres</b>
<b>Weight:-</b>	<b>2.5Kg (approx)</b>

### 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.