

Date - 23rd Dec 2001

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Ref - MDU-1U8W.FRP

Mains Distribution Unit - 8way Fixed + 2xNZ

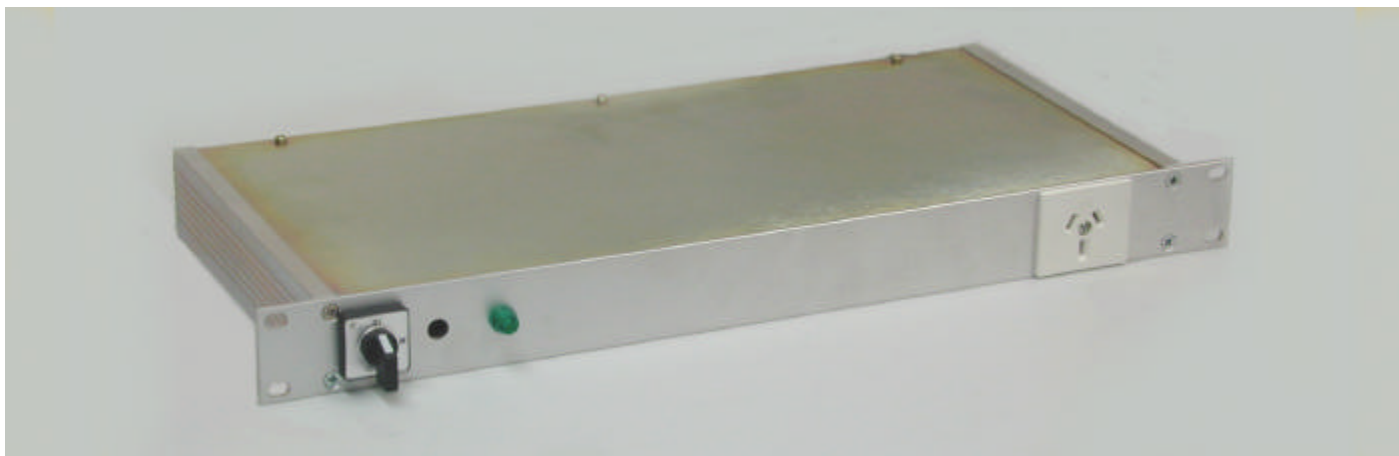


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INTRODUCTION :-

This MAINS DISTRIBUTION MODULE is designed to provide 8 Medium current Mains Power circuits within 19" Equipment Racks and 1 auxillary 3 pin NZ Socket at front and at the rear of the distribution module. Main supply is from any high current external power fixed wired source or from termination already provided elsewhere within the Rack or Cabinet.

This standard size (1 Unit x 200mm deep) has been chosen to give the maximum density of outlets and yet accommodate the addition of EMI/RFI suppression elements, circuit breaker, fuse, switches and other options for incoming and outgoing cables all potentially within the 200 mm deep module.

The choice of optional power conditioning filters, circuit protection and status indicators add potential for servicing critical equipments and some options may be readily customer retrofitted. Further variations on the basic design can accommodate higher currents, EIA/IEC mains plugs and sockets, miniature circuitbreakers, 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) 2 x New Zealand / Australian **3 pin** (industrial quality) power **sockets** are used to connect to auxillary/test equipments.
- 2) Bare modules OR pre-wired with **15 Amp** (1.5mm²) internal wiring and input power cables (lengths etc. as appropriate).
- 3) **Custom** design can be undertaken to meet special requirements. Please enquire giving details of features (including alternative connectors etc. and quantities. CASA will be please to discuss your special needs.

Brief Specification:-

	Length (Standard overall length end-end) :-	17" without brackets or 19" with brackets
	Depth (behind Front Panel excluding connectors, cables etc.):	200mm (or other options)
	Panel Height (standard rack units. - see separate drawings):	43.7mm (1 rack unit)
	Input Rating (Current ratings are limited by source connection):	5 ~ 50 Amps @ 240V 50Hz
	Output Rating (Current ratings limited by connector type etc.):	15 Amp MAX on any outlet
	Finishes (Anodized alloy and Zinc Plated steel is Standard):	Anodized Silver/Clear (other colours to order)
	Fixing (4 x M5~M6 threaded fasteners for 19" Rack fixing):	Optional 1U Rack Brackets
	Weight:	1.3 ~ 4Kg (approx.)

Part Number:- MDU-xxW-xA-zz(special adder/suffix)

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

MDU-	Prefix to indicate "MAINS DISTRIBUTION UNIT".
xxW-	Number of "WAYS" (outlets provided) - un-used outlets can be blanked off
xxA-	Maximum input "CURRENT" rating for whole module in "AMPS"
zz-	Finish / Colour (BEP = Black Epoxy Powder ZC = Zinc + Chrome
(-----)	Special adder/suffix gives detail of Input/Output connectors etc.

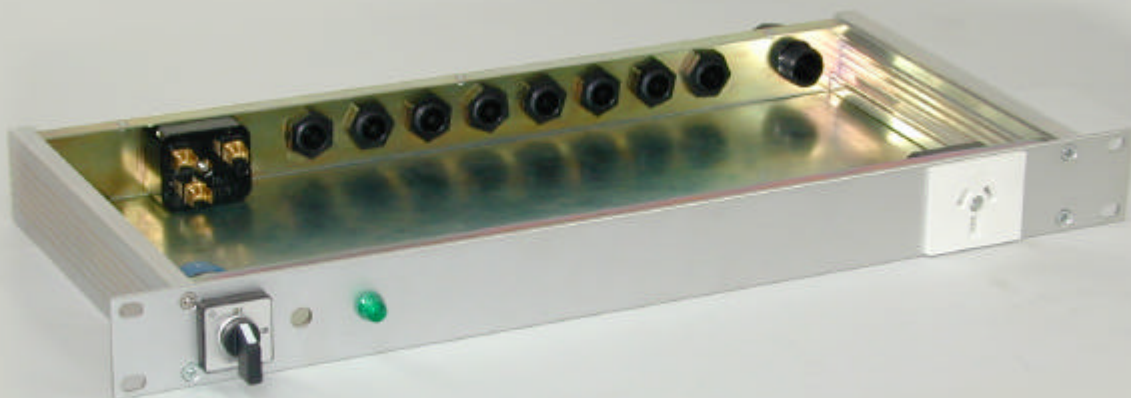


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Illustration = MDU-1Ux200-MS10ZC-MHS-Rear-Open.wmf)

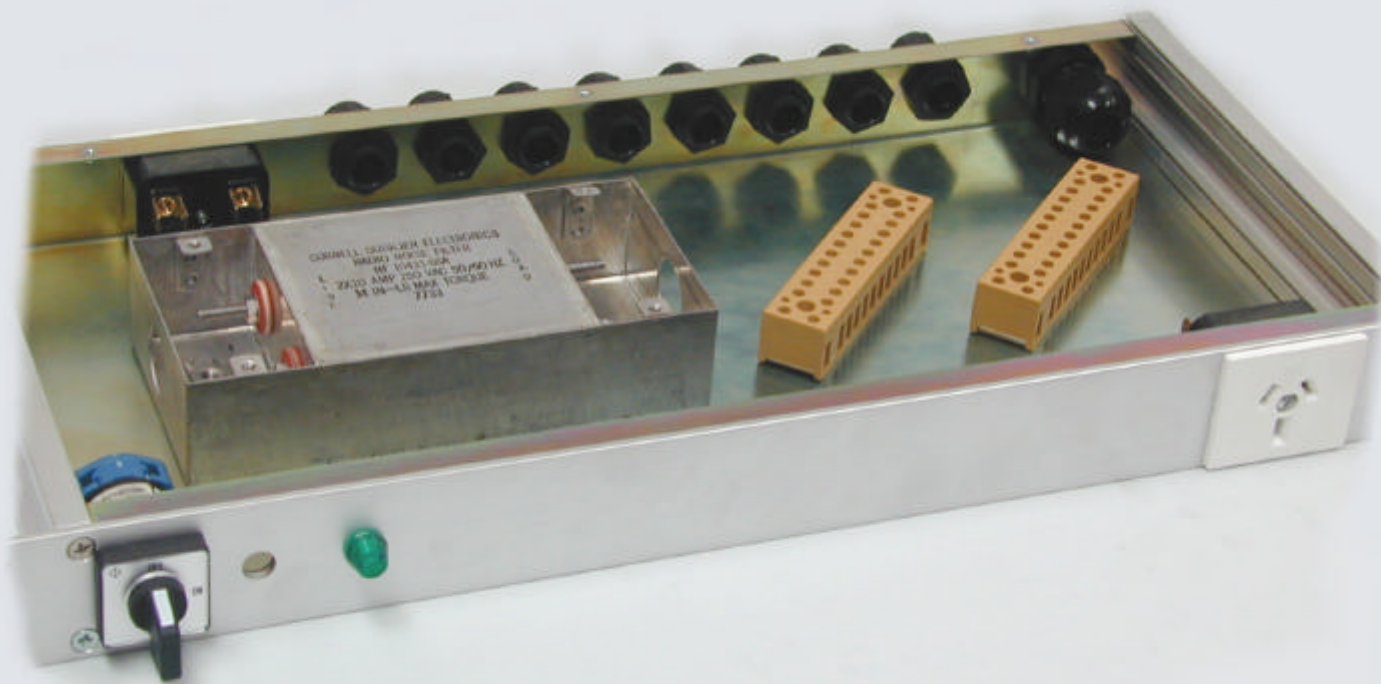


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