

# MAINS DISTRIBUTION UNITS

## MDU14-C-M-002 | CHANGEOVER & INDICATOR



To obtain a quote:  
Call: +44 (0)1724 273224  
Email: sales@dem-uk.com

- Automatic Fast Changeover on Failure of Primary Supply
- Active Supply Indication
- Fuse Live Indication
- Remote Status Via 9 way D-type
- 2 PowerCon Input Connectors
- 16 Amp Max Total Load, 6 Amp Max Load per Output
- 230Vac 50Hz



**OVERVIEW** - This unit safeguards equipment from primary mains supply failure with fast changeover time. 14 individually fused IEC outputs are housed in a sturdy 19" 1RU rack mounted enclosure, 195mm behind panel depth (300mm including lacing bar).

**FEATURES** - In normal operation the outputs are supplied from the primary supply. If the primary supply fails the relay switched to the secondary supply. The relay switches at ~20ms and the small glitch on the mains supply is dealt with by the power supplied in the powered equipment. The result is that the units remain powered without problems. This is especially true of any computers connected to the MDU. The two mains supplies may be independent but must be of the same phase.

On the return of the primary supply, the unit with switch back to primary power – again without issues. The rectangular mains present indicator is on the output from the changeover and before the fuses to indicate mains output. The unit is designed for total power loss.

The status of the unit is remotely available via a 9-way D-type on the rear panel. Relay contacts report on: Input A selected, input B selected and power available to output array.

**FINISH** - The front panel comes in a standard semi-gloss black finish. (RAL9005).

All Products in the Mains Distribution Range	
Product Code	Description
MDU10-N-B-001	10 Output Mains Distribution Unit with MCB
MDU10-C-B-001	10 Output Changeover Mains Distribution Unit with MCB
MDU12-S-C-001	12 Output Changeover Mains Distribution Unit with Sequential Start
MDU12-32-SN-001	12 Output Mains Distribution Unit 32amp Inlet with Switch
MDU12-32-BN-001	12 Output Mains Distribution Unit 32amp Inlet with Breaker
MDU14-C-N-001	14 Output Changeover Mains Distribution Unit with Switch
MDU14-C-N-002	14 Output Changeover Mains Distribution Unit with Indicator
MDU14-C-M-001	14 Output Changeover Mains Distribution Unit with Switch
MDU14-C-M-002	14 Output Changeover Mains Distribution Unit with Indicator
MDU14-N-S-001	14 Output Mains Distribution Unit, 2 x Inputs, 2 x 7 Outputs
MDU14F10	14 Output Filtered Mains Distribution Unit 10amp Inlet
MDU14F16	14 Output Filtered Mains Distribution Unit 16amp Inlet