

MAINS DISTRIBUTION UNITS

MDU12-S-C-001 | CHANGEOVER & SEQUENTIAL START



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

- Automatic Fast Changeover on Failure of Primary Supply
- Sequential Start
- 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 automatic changeover time. 12 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 and are started up sequentially minimising surge (400ms between channels). If the primary supply fails, the relay switched to the secondary supply. The relay switches at ~25ms and the small glitch on the mains supply is dealt with by the power supplies in the powered equipment. The result is that the units remain powered without problems. This is especially true of computers connected to the MDU. The two mains supplied may be independent but must be of the same phase.

On the return of the primary supply, the unit will switch back to primary power– again without issues. The mains indicator is electrically after the relay and before the fused outputs and verifies input voltage is present. The unit is designed for total power loss.

- Power Consumption Off Load - 25W
- M4 Earth Stud on Rear

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