

Electronic Mains Distribution Units 240 VAC, 50Hz operation only

Operation and Use

The Mains Distribution Units (MDUs) are supplied with Neutrik PowerConn® input connector(s).

These units are designed for indoor use only.

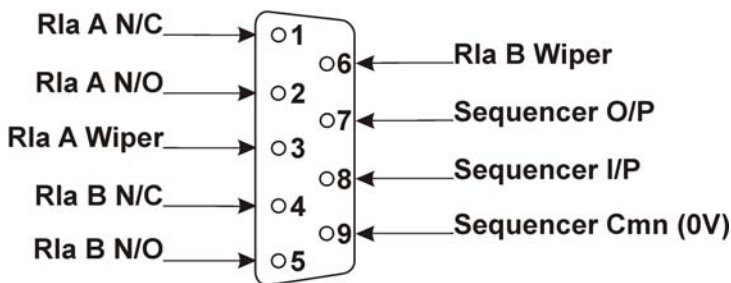
It/they may be used to connect to the Mains power supply using three-core flexible cable with a current capacity of 20 Amps, (i.e. 2.5mm² cross-section).

The Mains power must be protected by a fuse or circuit breaker with a maximum capacity of 20Amps.

The MDU **must** be earthed.

In the case of dual-input MDUs, the two Mains supplies need not necessarily be on the same phase, or even synchronous. **Be aware that up to 415V may be present in, or near, the unit.**

The 9-Way D Type.



The D Type provides the input and output for cascading sequential start unit and the alarm relay contacts for those units with the alarms fitted.

Note: The status of the relay contacts shown on the D type is for when the unit is **powered**.

The unit is isolated with the double pole switch on the front panel.

A Mains Monitor LED on the front panel indicates the inputs Mains status:-

Dual Input MDUs

- Steady Green LED, both Mains inputs present, outputs powered from A
- Flashing Green LED, input B absent, outputs powered from A
- Flashing Red LED, input A absent, outputs powered from B.

Single Input MDUs

- Steady Green LED indicates Mains present.

The outputs are taken from the 12 IEC sockets on the rear panel. The maximum current that may be taken from an IEC socket is 6Amps. The maximum total current drawn from the MDU must not exceed 20Amps

A fuse in a fuseholder on the front panel protects each socket. On delivery, the fuses installed are 6Amps.

Next to each fuseholder a dual coloured LED indicated the fuse status, Green for OK, Red for blown. Replacement fuses must be 5 x 20mm, Ceramic Body, High Breaking Capacity.

With optional sequential start models, 300mSec delay between each output on first switch-on. A mains failure of less than 0.5 secs will not initiate a new sequence.

These units contain no user serviceable parts.

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