

### ***EU declaration of conformity***

We certify that this apparatus, used in accordance with the instructions in this manual, conforms to the requirements of the EMC and Low Voltage Directives. Emissions EN 55103-1, susceptibility EN 55103-2 and safety EN 60950-1 2002.

2 June 2004



### ***Warranty***

The ISIS Group warrants this unit against defects in materials and workmanship for a period of one year from the date of shipment. At its option, the company will repair or replace products that prove to be defective during the warranty period, provided they are returned to the company with advance notification and with freight prepaid. ISIS Group's policy states that all repairs are only conducted by an authorized representative of the company. As a result any unauthorized repair or attempted repair will automatically void the warranty.

When a distributor supplies the company's products, that distributor should be approached initially if there are any warranty problems.

The company makes no other warranties, express or implied, as to the merchantability, fitness for a particular purpose, or otherwise. The company's liability for any cause, including breach of contract, breach of warranty, or negligence, with respect to products sold by it, is limited to repair or replacement by the company, at its sole discretion. This remedy is exclusive. In no event shall the company be liable for any incidental or consequential damages, including loss of profits.

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***MiniBlox™***

***4020 2RU rack mounting frame***

***2U rack mounting frame for up to 14 units  
with single or dual power supplies***

**User Manual**

***Latest information available at:***  
***[www.isis-group.com](http://www.isis-group.com)***  
***[www.miniblox.com](http://www.miniblox.com)***

## **MiniBlox™ - solutions in a box**

### **General description**

The 4020 2RU rack mounting frame holds up to 14 MiniBlox units with single or dual power supplies.



### **Features**

- Holds up to 14 MiniBlox units
- Central single or dual redundant power supplies
- Power supply status shown by LEDs on front panel
- Power supplies operates worldwide

### **Installation & operation**

#### **Installing MiniBlox units into frames**

To install or remove MiniBlox modules first undo the two thumbscrews on the frames front panel, then open the front door, then remove the identification/retention strip by unscrewing the three screws.

Units can then be inserted or removed. Connect and operate MiniBlox units in accordance with the User Manual provided for each unit.

Room is provided to loop cables from the front on the unit over the bank of modules. Holes for cable ties are provided.

#### **Installing power supplies into frames**

Power supplies which are fitted at the rear of the frame are retained by metal brackets. To install (or remove) power supplies first remove the two screws on the appropriate bracket then lift off. The DC connector on a flying lead should be connected (or removed) from the appropriate socket on the frame.

### **Installing frame into equipment rack**

Frames should be secured by appropriate rack screws through the mounting ears.

Flanges on each side of the frame can be used to give additional support if required.

An earth ground is provided which is located centrally at the rear of the frame.

Attach the AC power cord to each internal power supply then connect to a power outlet.

### **Operation**

When operated with a single power supply the front panel mounted LED on the appropriate side should light green. When operated with dual power supplies both LEDs should be green. If a power supply fails the appropriate LED will go out. (There is also an LED on the power supply itself which should be green when operating correctly.) With dual supplies the second one will automatically take over in the case of a failure.

### **Specifications**

#### **Frame**

Holds Up to 14 MiniBlox units

#### **Power supply**

Number 1 or 2

Input connectors IEC320 C14

Input voltage 100-240VAC

Input frequency 47-63Hz

Input current 1.9A

Standards All major international standards including CE and UL

Temperature range 0°C to 40°C at maximum load

#### **Other**

Dimensions 2RU x 19" x 16" (H x W x D)

Weight Frame 2.2 lb - power supply 1.6 lb

*We reserve the right to change technical specifications without prior notice.*