

Universal Interface AUI-01



A X E Z E

RFID Access Control Products



Overview

The AUI-01 module allows the Axeze network to interface at a high level with a variety of other systems. It does this using two communication ports and an 8-bit controller. Port COM1 is used to communicate with the Axeze network and COM2 is used to communicate with an external system using RS-232 or RS-485. The data output is customised at manufacture to suit the external system. The unit also acts as an off-line event controller for the KEN system. In its basic form only the COM1 is fitted and its functionality is limited to off-line events for the KEN system.

Physical Specifications

Dimensions: 75mm x 50mm
Mountings: The board has been designed to slide into mounting groves in a Hammond 1591T plastic fireproof enclosure. This enclosure has the dimensions 120mm x 80mm x 58mm.

Electrical Specifications

Power +10VDC to +18VDC Unregulated

Indicators (On PCB)

Red LED COM1 Traffic
Green LED COM2 Traffic

Network Events available to off-line components and external systems

- | | |
|---|-----------------|
| Access Request Invalid | Door Left Open |
| Access Request Valid | First In |
| Door Closed (after door left open or door forced) | Last Out |
| Door Forced | Request to Exit |
| | Reader Off-line |

Power (terminal block)

GND GND
+12V DC IN

COM1 Axeze Network Port (terminal block)

A RS-485 Non-inverting Receiver Input and Non-inverting Driver Output
B RS-485 Inverting Receiver Input and Inverting Driver Output

COM2 as RS-485 Interface port (terminal block)

A RS-485 Non-inverting Receiver Input and Non-inverting Driver Output
B RS-485 Inverting Receiver Input and Inverting Driver Output

COM2 as RS-232 Interface port (DB9 Male on flying lead)

2 RXD
3 TXD
5 GND
7 RTS

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The above specifications are subject to change without notice