



Address Board - Protector

CUT1007 & CUT3001

GENERAL

Brand Cimbria
Model Address Board - Protector CUT1007 and CUT3001

The Unitest system can be used in all types of grain storage facilities and can be installed in both new and existing installations. The temperature is constantly monitored by means of a number of sensors which are fitted in carrying cables specially designed for installation in harsh environments.

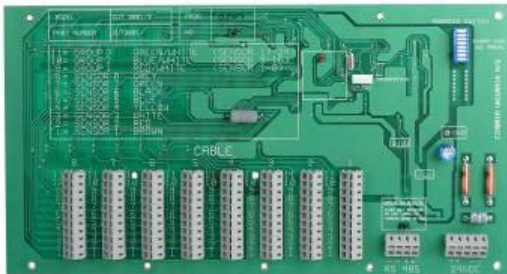
CUT1007 - Cabinet & Address board



Address board (incl. cabinet – IP66) dimensions:

- Length 500 mm
- Height 300 mm
- Depth 155 mm
- Weight 9 kg

CUT3001-0001 - Address board



Address board (without cabinet) dimensions:

- Length 325 mm
- Height 175 mm
- Weight 0.4 kg

Address boards

In principle there is only one type of address board. The address board is available with cabinet CUT1007 and without cabinet CUT3001 (spare part).

Bus cable (CUT1028)

The bus cable (from interface to / through each address board) requires a 4-wire-line for communications and supply.

Recommendation:

2 x 2 x 0.5. Twisted pair shielded cable.

Specification

| | |
|-----------------------------------|---|
| Measuring range | -8° to +90°C |
| Operating voltage | 24 VDC |
| Current consumption | Approximate 10 mA (stand by) |
| Communication | RS485 |
| Protocol | Cimbria CUT3001 |
| Protocol characters | ASCII |
| Brad rate | 9600, 8 Databit, 1 Startbit, 1 stopbit, No parity |
| Maximum of address boards per bus | 32 |
| Bus cable | 2 x 2 x 0.5. Twisted pair shielded cable |
| Address setting | 1-250 (Dip switch) |
| Processor | Flash type. Software up-grade possible |

Extension cables (CUT1025)

The extension cable (from Heavy-duty and standard cables to address boards) required a 12-wire-line.

Recommendation:

6 x 2 x 0.6. Twisted pair cable.

Sensor cables:

The length and number of sensors in one sensor cable are custom specified.

Specification

| | |
|----------------|-----------------|
| Sensor | NTC with diode |
| Norm values | 3000 ohm / 25°C |
| Range | -20°C to +85°C |
| No. of sensors | Max. 24 |

Interface type:

As a standard, 2 different interfaces are available. Each type of interface may hold 1-4 bus lines.

Specification

| | |
|---------------------------------------|---------------------------------------|
| Communication | RS232 on PC RS485 on address board |
| Number of busses | 1-4 |
| Number of address boards per bus line | Max. 32 |
| Max. numbe of cables | 1024 |
| Max. no of sensors | 24576 |
| Over voltage protection | Yes |

Further information about the Interfaces can be obtained from separate data sheet: *Interface Protector CUT3013-CUT3014.*

