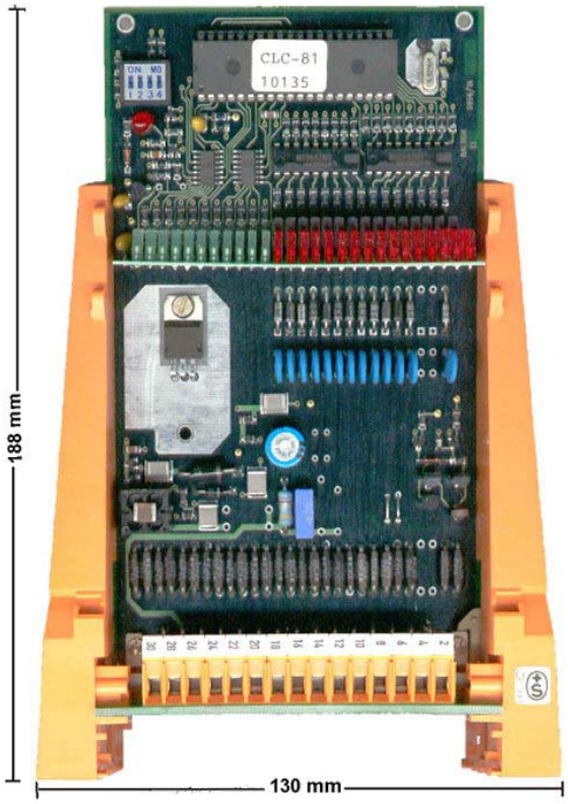
# CLC-81
# Control Board

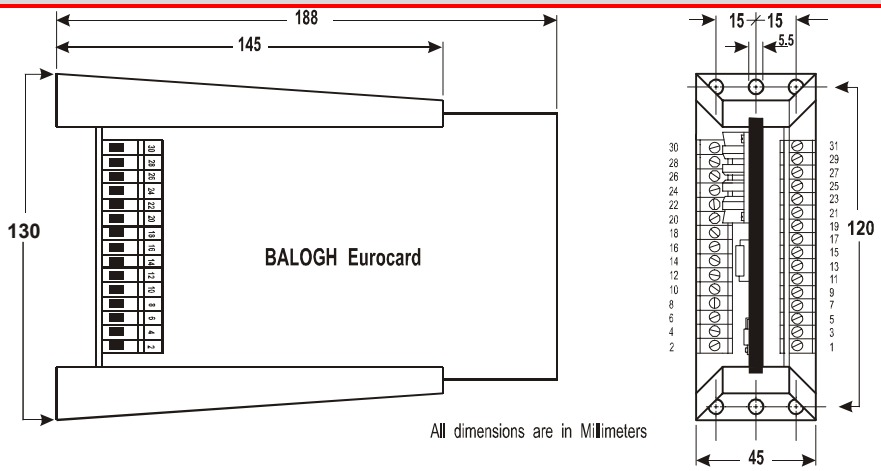
## Identification - Coding

## Characteristics

- Parallel Control Card, Eurocard Format (100 x 160mm)
- Multiplexable parallel connection
- Allows Reading of type “OC” Read Only TAGS.
- Reads and Buffers entire “OC” TAGS
- Each Control Board must be connected to a BALOGH Transceiver in order to Read data from the TAGS.
- Requires GC-01 Board Holder




## Dimensions




Revised July 1, 2002

| Characteristics at 25° C | Symbol | Unit | CLC-81 |
|---|---|---|---|
| V Supply (< 2% Ripple) | Vcc | V DC | 24 |
| Voltage Tolerance | | | -10% to +10% |
| Current Consumption | Im | mA | 150 |
| Serial Connection | | | No |
| No. of Parallel Inputs | | | 2 |
| Input Impedance | Ze | K ohm | 10 |
| Input Logic 0 | | V | 0 to 10 |
| Input Logic 1 | | V | 15 to Vcc |
| No. of Parallel Outputs | | | 10 |
| MAX Continuous Current (per Output) | Is | mA | 100 |
| MAX Voltage Drop across an Output | Vdrop | V | 1.5 |
| Output Logic 0 | | V | 0 |
| Output Logic 1 | | V | Vcc – 1.5 |
| MIN Ambient TEMP | Tmin | °C | 0 |
| MAX Ambient TEMP | Tmax | °C | +70 |
| Protection Degree | IP | | 00 |
| Weight | M | g | 300 |
| MAX Cable Length Between Control Board and Transceiver | | | 1000 ft |
| MAX Cable Length Between Control Board and Buffer | | | |
| Short Circuit Protected | | | |
| | | | |
| Protected against Inverse Polarity | | | Yes |

| Terminal | Locations | | |
|---|---|---|---|
| **1** | Transceiver Output Connected to | E | Term 3 |
| **2** | | | |
| **3** | | | |
| **4** | | | |
| **5** | Bit 7 Output (MSB) | | |
| **6** | Bit 6 Output | | |
| **7** | Bit 5 Output | | |
| **8** | Bit 4 Output | | |
| **9** | Bit 3 Output | | |
| **10** | Bit 2 Output | | |
| **11** | Bit 1 Output | | |
| **12** | Bit 0 Output (LSB) | | |
| **13** | VAL Output | | |
| **14** | PRE Output | | |
| **15** | | | |
| **16** | | | |
| **17** | | | |
| **18** | | | |
| **19** | | | |
| **20** | | | |
| **21** | | | |
| **22** | | | |
| **23** | | | |
| **24** | | | |
| **25** | LEC Input | | |
| **26** | SBA Input (Multiplex Line) | | |
| **27** | Transceiver Input Connected to | S | Term 2 |
| **28** | | | |
| **29** | | | |
| **30** | +24 VDC to Board & Transceiver | V | Term 1 |
| **31** | Ground | O | Term 4 |