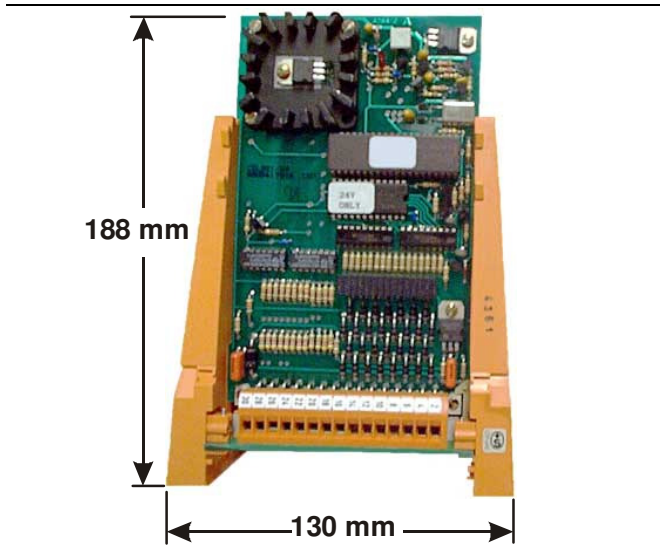


BALOGH



# CELB-81 Parallel Control Board

## RFID Interface

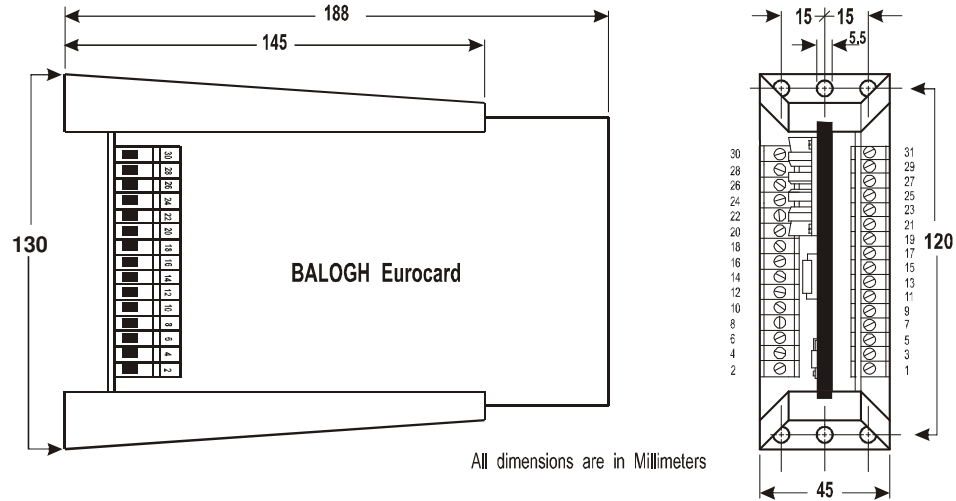


- Electronic Control Card. Eurocard Format (100 x 160mm).
- Allows Reading and Writing of type “OMA” or “OMB” 64 byte or 2K byte TAGS.
- Reads or Writes blocks of data (77 bytes Continuous Format, 38 bytes Discontinuous Format).
- Uses GC-01 Wiring Block/Board Holder (Sold Separate)

Each Control Board must be connected to a BALOGH Transceiver in order to Read/Write data from the TAGS.

Characteristics at 25° C	Symbol	Unit	CELB-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			11
Input Impedance	Ze	K ohm	10
Input Logic 0		V	0 to 10
Input Logic 1		V	15 to Vcc
No. of Parallel Outputs			14
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
Short Circuit Protected			Yes
Protected against Inverse Polarity			Yes

# CELB – 81 Control Board



Terminal	CELB-81 Locations	ER *71/85	ER *80
1	Transceiver Output Connected to	E	Term 3
2			
3	DEFB OUTPUT		
4	PRE OUTPUT		
5	DF OUTPUT		
6	OC OUTPUT		
7	EC OUTPUT		
8	AK OUTPUT		
9	Bit 0 OUTPUT (LSB)		
10	Bit 1 OUTPUT		
11	Bit 2 OUTPUT		
12	Bit 3 OUTPUT		
13	Bit 4 OUTPUT		
14	Bit 5 OUTPUT		
15	Bit 6 OUTPUT		
16	Bit 7 OUTPUT (MSB)		
17	WR INPUT		
18	RD INPUT		
19	CK INPUT		
20	Bit 7 INPUT (MSB)		
21	Bit 6 INPUT		
22	Bit 5 INPUT		
23	Bit 4 INPUT		
24	Bit 3 INPUT		
25	Bit 2 INPUT		
26	Bit 1 INPUT		
27	Bit 0 INPUT(LSB)		Term 2
28			
29	Transceiver Input Connected to	S	
30	+24 V DC to Board & Transceiver	V	Term 1
31	Ground	O	Term 4

\* Locations on Transceivers

The letters indicating "EOSV" are located inside the Transceiver's connection chamber or on the chamber's top.