

BALOGH



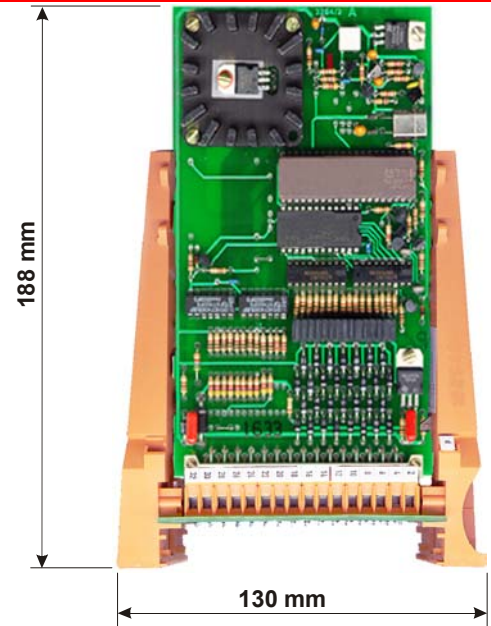
CLC-83 Control Board

Identification - Coding

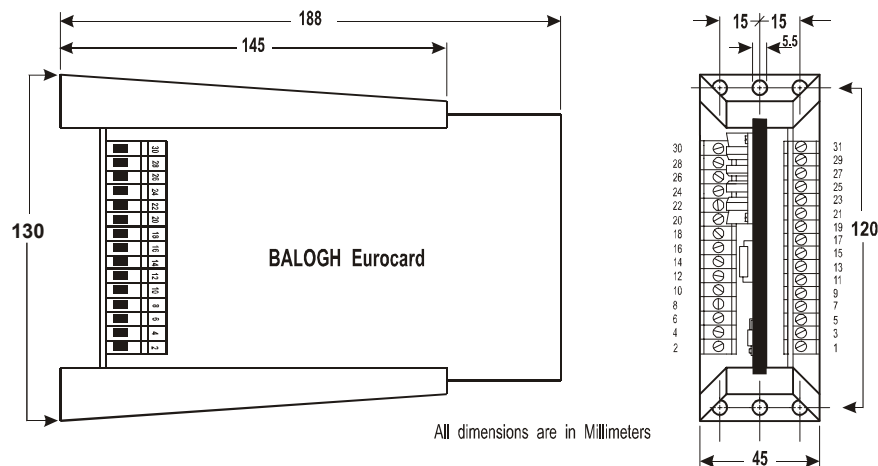
Reference: CLC-83

Characteristics

- Parallel Control Card, Eurocard Format (100 x 160mm)
- Multiplexable parallel connection
- Allows Reading of type "OC" Read Only TAGS.
- Each Control Board must be connected to a BALOGH Transceiver in order to Read data from the TAGS.
- When used in conjunction with an ERAI-80 Transceiver, provides Data, Directional, and Positioning information.
- Requires GC-01 Board Holder



Dimensions



Characteristics at 25° C	Symbol	Unit	CLC-83
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			12
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	ERAI-80
1	Transceiver Output Connected to	FRB 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	Left Output (LO)	
16	Right Output (RO)	
17		
18		
19		
20		
21		
22		
23		
24		
25	LEC Input	
26	SBA Input (Multiplex Line)	
27	Transceiver Input Connected to	FRB 2
28		
29		
30	+24 VDC to Board & Transceiver	FRB 1
31	Ground	FRB 4

Revised: June 26, 2002