ControlNet® Control Board
BICN

Identification - Coding

Reference: BICN

A=	OMA	64, 2K, or 8K bytes Read/Write TAG
P=	OP	64 byte & 96 byte Read/Write TAG
X=	OMX	High Speed 8K & 32K byte Read/Write TAG
E=	GIE	512, 2K, 8K byte Read/Write TAG
I =	OIR	64K byte Read/Write TAG
F=	OF or OFR	7 bytes Read-Only TAG
L=	OL or OLR	2 byte Read-Only Extended Range TAG

Characteristics

- The BALOGH BICN meets the needs required for today's network flexibility. It is also compatible with existing network devices such as I/O, push button, motion controls, motor starters, photo cells, limit switches, etc.
- Multi-Drop capability: Allows a connection scheme of multiple BICN interface units on a ControlNet® network. Each BICN has dual channel capability. Two Transceivers can be connected to each BICN. Each functions independently and simultaneously.
- Small footprint provides ease of mounting (191mm x 130mm x 69mm). With a NEMA 12 rated metallic enclosure and quick connect wiring, it provides field mounting, durability, and reduces wiring costs.
- Automatic self-test upon power-up.
- Node Addressing from 0-99.
- LED indication for network and Module Status, TAG presence, and Transceiver error:

The BICN is equipped with 10 status LEDS that are externally visible.
2 Bicolor LED indicating the health of network cable connection A and B
3 LEDS per Transceiver channel:

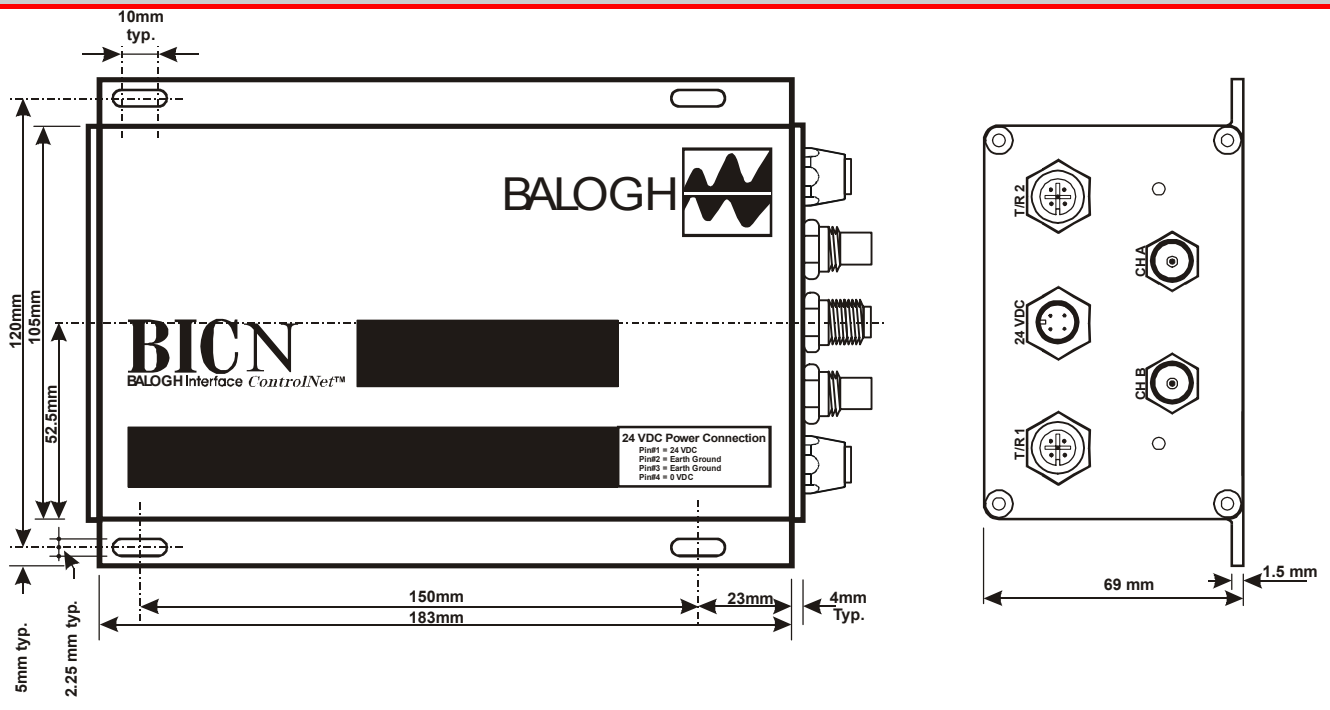
- TAG Present (Green)
- Operation In Progress (Green)
- Transceiver/command execution fault (Red)

1 Green LED indication of 24 VDC power
1 Bicolor LED indicating the state of the user serial port

Revised: November 07, 2002

Characteristics	Symbol	Unit	BICN
Supply Power (± 1%)	Ucc	V	24 VDc
Consumed Current	Io	mA	350mA
Ambient Temperature	T	°C	°C to 70°C
Protection Degree	-	/	NEMA 12
Weight	M	G	815

Dimensions



Connections