

# BALOGH



## General Electric Genius<sup>®</sup> Control Board BIGE/\*\*

### Identification - Coding

#### Reference: BIGE/\*\*

|    |           |   |
|----|-----------|---|
| A= | OMA       | 64, 2K, or 8K byte Read/Write TAG       |
| P= | OP        | 112 byte Read/Write TAG                 |
| X= | OMX       | High Speed 8K & 32K byte Read/Write TAG |
| E= | GIE       | 512, 2K, 8K byte Read/Write TAG         |
| R= | OIR       | 32K & 64K byte Read/Write Infrared TAG  |
| F= | OF or OFR | 7 byte Read-Only TAG                    |
| L= | OL or OLR | 2 byte Read-Only TAG                    |

### Description

- Each BIGE/\*\* Control Board can service a maximum of 2 Transceivers.
- Executes user designed instructions for the control and management of data.
- Allows the interface of the BALOGH TAG RFID System to the General Electric Genius<sup>®</sup> LAN via twisted pair serial connection.



For additional assistance on product information and approved product combinations call 248-486-RFID (7343).

### Characteristics

| Characteristics at 25° C                               | Symbol | Unit | BIGE   |
|--|--------|------|--|
| V Supply (<2% Ripple)                                  | Vdc    | V DC | 24   |
| Voltage Tolerance                                      | Vdc    | V DC | (+/-) 10%  |
| Operational Current (Without Transceiver)              | Is     | mA   | 500  |
| Serial Communication                                   |        |      | Genius <sup>®</sup> LAN                          |
| Current Peak (Without Transceiver)                     | Ip     | A    | 2  |
| Operational Environment                                |        |      | 0 to 95% Relative humidity<br>(Non-Condensation) |
| MIN Ambient Temp                                       | TMin   | °C   | 0  |
| MAX Ambient Temp                                       | Tmax   | °C   | +60  |
| Protection Degree                                      | IP     |      | 00   |
| Weight   | M      | Kg   | 1.5  |
| MAX Cable length between Control Board and Transceiver |        |      | 50 Meters  |
| Protected against inverse polarity                     |        |      | Yes  |

