











## HARDWARE SETTINGS

### Switch Functions

| Switch | Description   | Setting |     |
|--------|---|---------|-----|
|        |   | On      | Off |
| 1      | Bit 0 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 2      | Bit 1 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 3      | Bit 2 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 4      | Bit 3 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 5      | Bit 4 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 6      | Bit 5 of binary RS-485 drive address. Does not affect RS-232 settings.    | 1       | 0   |
| 7      | Bit 0 of drive RS-485 baud rate setting. Does not affect RS-232 settings. | 1       | 0   |
| 8      | Bit 1 of drive RS-485 baud rate setting. Does not affect RS-232 settings. | 1       | 0   |

#### Additional Details

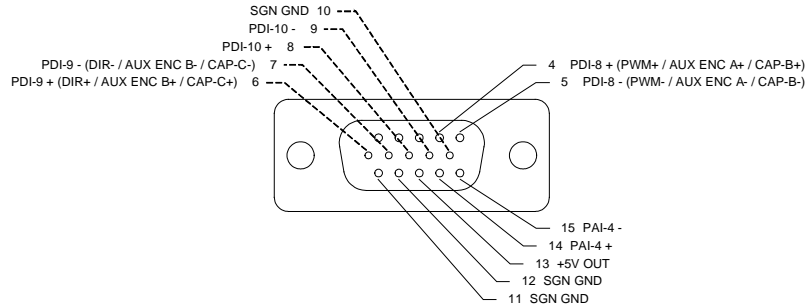
The drive can be configured to use the address and/or bit rate stored in non-volatile memory by setting the address and/or bit rate value to 0. Use the table below to map actual bit rates to a bit rate setting.

| Baud Rate (kbps)              | Value For Bit Rate Setting |
|-------------------------------|----------------------------|
| Load from non-volatile memory | 0                          |
| 9.6                           | 1                          |
| 38.4                          | 2                          |
| 115.2                         | 3                          |

**MECHANICAL INFORMATION**

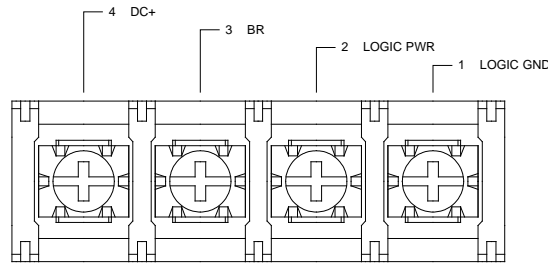
**AUX ENCODER - Auxiliary Feedback Connector**

|                       |                                  |   |
|-----------------------|----------------------------------|---|
| Connector Information | 15-pin, high-density, male D-sub |   |
| Mating Connector      | Details                          | TYCO: Plug P/N 1658681-1; Housing P/N 5748677-1; Terminals P/N 1658686-2 (loose) or 1658686-1 (strip) |
|                       | Included with Drive              | No  |



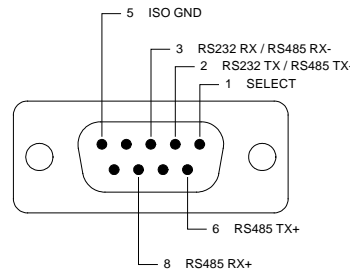
**BRAKE/LOGIC - Logic Power Connector**

|                       |  |                |
|-----------------------|--|----------------|
| Connector Information | 4-contact, 13 mm spaced, dual-barrier terminal block |                |
| Mating Connector      | Details  | Not applicable |
|                       | Included with Drive                                  | Not applicable |



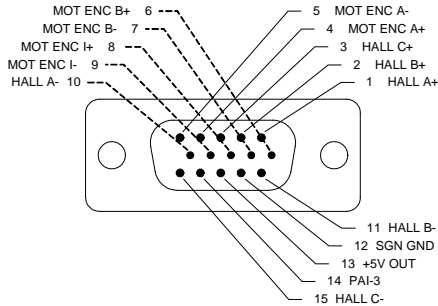
**COMM - RS232/RS485 Communication Connector**

|                       |                     |  |
|-----------------------|---------------------|--|
| Connector Information | 9-pin, female D-sub |  |
| Mating Connector      | Details             | TYCO: Plug P/N 205204-4; Housing P/N 5748677-1; Terminals P/N 1658540-5 (loose) or 1658540-4 (strip) |
|                       | Included with Drive | No   |



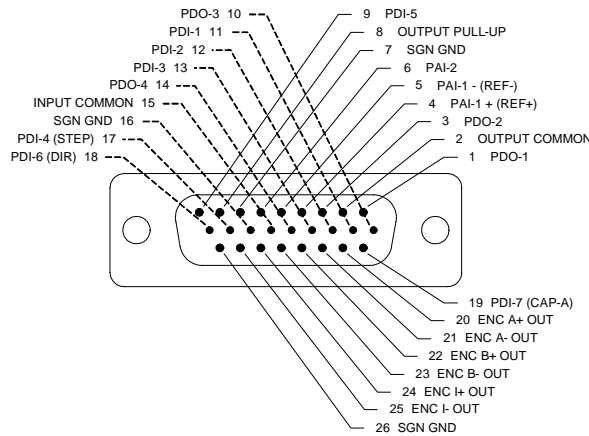
**FEEDBACK - Feedback Connector**

|                       |                     |  |
|-----------------------|---------------------|--|
| Connector Information |                     | 15-pin, high-density, female D-sub   |
| Mating Connector      | Details             | TYCO: Plug P/N 748364-1; Housing P/N 5748677-1; Terminals P/N 1658670-2 (loose) or 1658670-1 (strip) |
|                       | Included with Drive | No   |



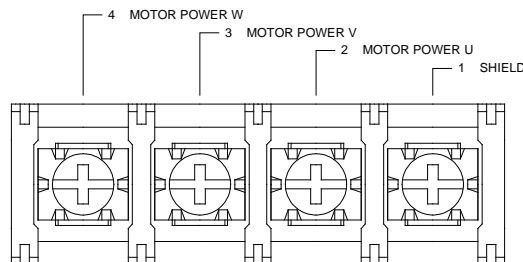
**I/O - Signal Connector**

|                       |                     |   |
|-----------------------|---------------------|---|
| Connector Information |                     | 26-pin, high-density, female D-sub  |
| Mating Connector      | Details             | TYCO: Plug P/N 1658671-1; Housing P/N 5748677-2; Terminals P/N 1658670-2 (loose) or 1658670-1 (strip) |
|                       | Included with Drive | No  |



**MOTOR POWER - Motor Power Connector**

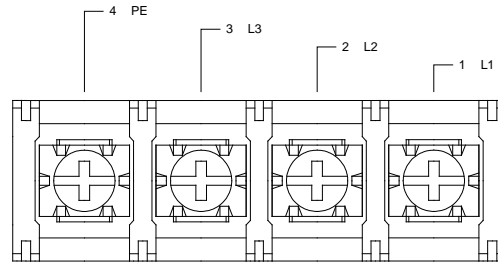
|                       |                     |  |
|-----------------------|---------------------|--|
| Connector Information |                     | 4-contact, 13 mm spaced, dual-barrier terminal block |
| Mating Connector      | Details             | Not applicable                                       |
|                       | Included with Drive | Not applicable                                       |



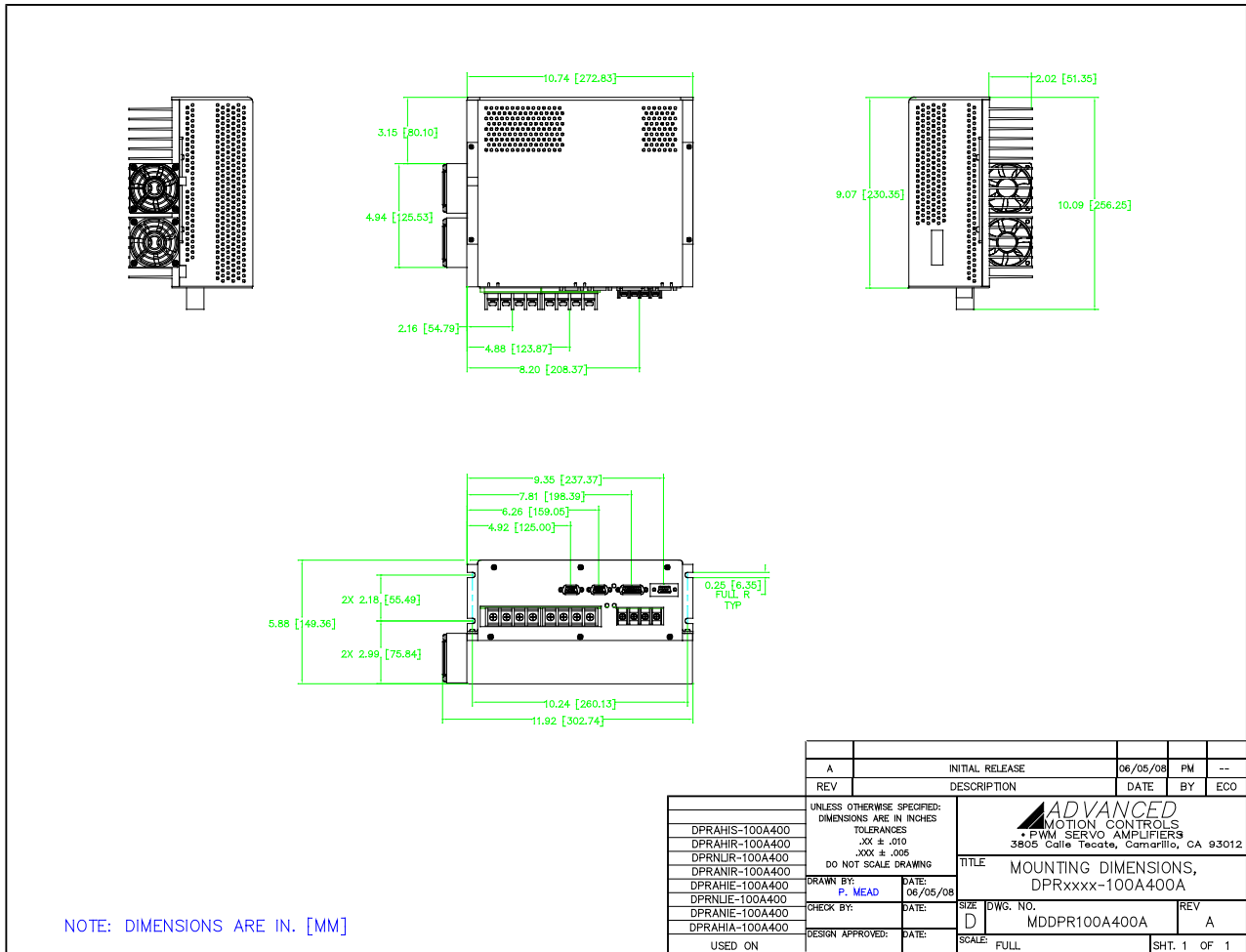


**POWER - AC Power Connector**

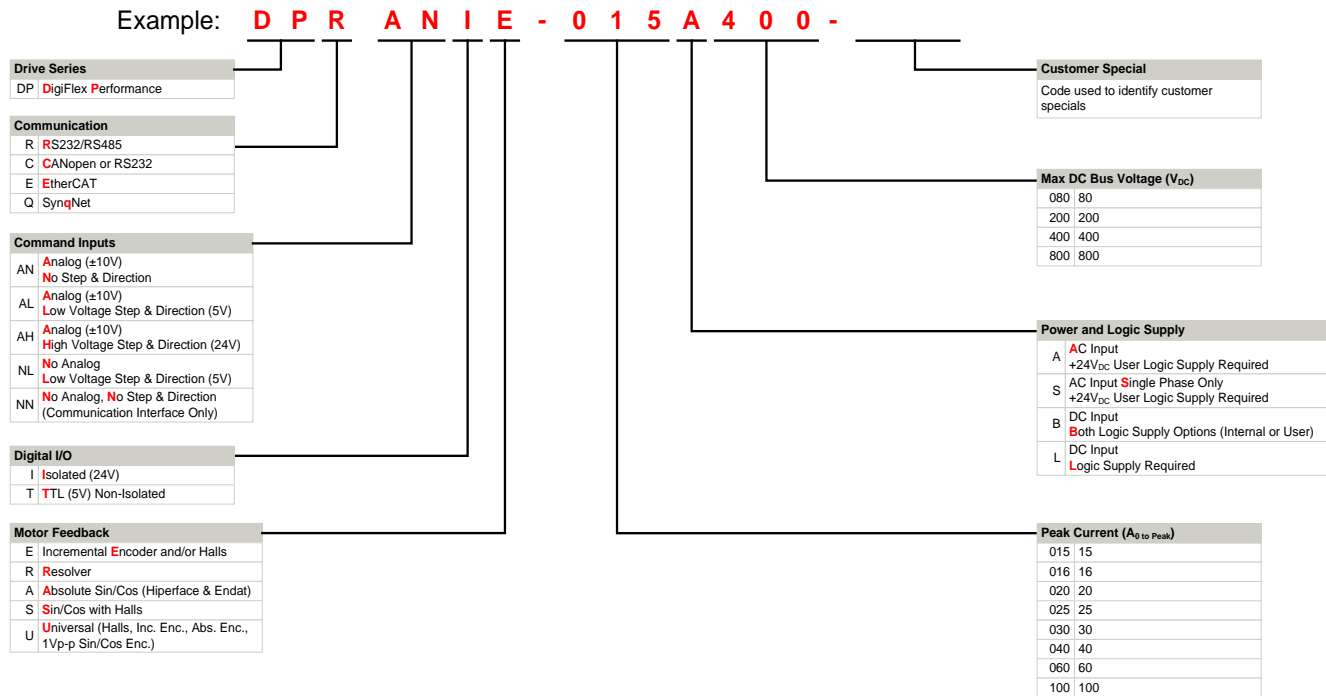
|                       |                     |  |
|-----------------------|---------------------|--|
| Connector Information |                     | 4-contact, 13 mm spaced, dual-barrier terminal block |
| Mating Connector      | Details             | Not applicable                                       |
|                       | Included with Drive | Not applicable                                       |



**MOUNTING DIMENSIONS**



**PART NUMBERING INFORMATION**



DigiFlex® Performance™ series of products are available in many configurations. Note that not all possible part number combinations are offered as standard drives. All models listed in the selection tables of the website are readily available, standard product offerings.

ADVANCED Motion Controls also has the capability to promptly develop and deliver specified products for OEMs with volume requests. Our Applications and Engineering Departments will work closely with your design team through all stages of development in order to provide the best servo drive solution for your system. Equipped with on-site manufacturing for quick-turn customs capabilities, ADVANCED Motion Controls utilizes our years of engineering and manufacturing expertise to decrease your costs and time-to-market while increasing system quality and reliability. Feel free to contact Applications Engineering for further information and details.

**Examples of Customized Products**

- ▲ Optimized Footprint
- ▲ Private Label Software
- ▲ OEM Specified Connectors
- ▲ No Outer Case
- ▲ Increased Current Resolution
- ▲ Increased Temperature Range
- ▲ Custom Control Interface
- ▲ Integrated System I/O
- ▲ Tailored Project File
- ▲ Silkscreen Branding
- ▲ Optimized Base Plate
- ▲ Increased Current Limits
- ▲ Increased Voltage Range
- ▲ Conformal Coating
- ▲ Multi-Axis Configurations
- ▲ Reduced Profile Size and Weight

All specifications in this document are subject to change without written notice. Actual product may differ from pictures provided in this document.