

## Number and Types of Inputs/Outputs

### Number and Types of Inputs/Outputs for Micro810, Micro820, Micro830, and Micro850 Catalogs

| Controller Family | Catalogs         | Inputs  |               |               |        | Outputs |               |             | Analog Out<br>0...10V DC | Analog In<br>0...10V (shared with DC In) | PTO/PWM Support <sup>(1)</sup> | Embedded HSC Support <sup>(2)</sup> |
|-------------------|------------------|---------|---------------|---------------|--------|---------|---------------|-------------|--------------------------|------------------------------------------|--------------------------------|-------------------------------------|
|                   |                  | 120V AC | 120 / 240V AC | 24V DC / V AC | 12V DC | Relay   | 24V DC Source | 24V DC Sink |                          |                                          |                                |                                     |
| <b>Micro810</b>   | 2080-LC10-12QWB  | —       | —             | 8             | —      | 4       | —             | —           | —                        | 4                                        | —                              | —                                   |
|                   | 2080-LC10-12AWA  | —       | 8             | —             | —      | 4       | —             | —           | —                        | —                                        | —                              | —                                   |
|                   | 2080-LC10-12QBB  | —       | —             | 8             | —      | —       | 4             | —           | —                        | 4                                        | —                              | —                                   |
|                   | 2080-LC10-12DWD  | —       | —             | —             | 8      | 4       | —             | —           | —                        | 4                                        | —                              | —                                   |
| <b>Micro820</b>   | 2080-LC20-20QBB  | —       | —             | 12            | —      | —       | 7             | —           | 1                        | 4                                        | 1 (PWM)                        | —                                   |
|                   | 2080-LC20-20QWB  | —       | —             | 12            | —      | 7       | —             | —           | 1                        | 4                                        | —                              | —                                   |
|                   | 2080-LC20-20AWB  | 8       | —             | 4             | —      | 7       | —             | —           | 1                        | 4                                        | —                              | —                                   |
|                   | 2080-LC20-20QBBR | —       | —             | 12            | —      | —       | 7             | —           | 1                        | 4                                        | 1 (PWM)                        | —                                   |
|                   | 2080-LC20-20QWBR | —       | —             | 12            | —      | 7       | —             | —           | 1                        | 4                                        | —                              | —                                   |
|                   | 2080-LC20-20AWBR | 8       | —             | 4             | —      | 7       | —             | —           | 1                        | 4                                        | —                              | —                                   |
| <b>Micro830</b>   | 2080-LC30-10QWB  | —       | —             | 6             | —      | 4       | —             | —           | —                        | —                                        | —                              | 2                                   |
|                   | 2080-LC30-10QVB  | —       | —             | 6             | —      | —       | —             | 4           | —                        | —                                        | 1 (PTO/PWM)                    | 2                                   |
|                   | 2080-LC30-16AWB  | 10      | —             | —             | —      | 6       | —             | —           | —                        | —                                        | —                              | —                                   |
|                   | 2080-LC30-16QWB  | —       | —             | 10            | —      | 6       | —             | —           | —                        | —                                        | —                              | 2                                   |
|                   | 2080-LC30-16QVB  | —       | —             | 10            | —      | —       | —             | 6           | —                        | —                                        | 1 (PTO/PWM)                    | 2                                   |
|                   | 2080-LC30-24QWB  | —       | —             | 14            | —      | 10      | —             | —           | —                        | —                                        | —                              | 4                                   |
|                   | 2080-LC30-24QVB  | —       | —             | 14            | —      | —       | —             | 10          | —                        | —                                        | 2 (PTO/PWM)                    | 4                                   |
|                   | 2080-LC30-24QBB  | —       | —             | 14            | —      | —       | 10            | —           | —                        | —                                        | 2 (PTO/PWM)                    | 4                                   |
|                   | 2080-LC30-48AWB  | 28      | —             | —             | —      | 20      | —             | —           | —                        | —                                        | —                              | —                                   |
|                   | 2080-LC30-48QWB  | —       | —             | 28            | —      | 20      | —             | —           | —                        | —                                        | —                              | 6                                   |
|                   | 2080-LC30-48QVB  | —       | —             | 28            | —      | —       | —             | 20          | —                        | —                                        | 3 (PTO/PWM)                    | 6                                   |
|                   | 2080-LC30-48QBB  | —       | —             | 28            | —      | —       | 20            | —           | —                        | —                                        | 3 (PTO/PWM)                    | 6                                   |
| <b>Micro850</b>   | 2080-LC50-24AWB  | 14      | —             | —             | —      | 10      | —             | —           | —                        | —                                        | —                              | —                                   |
|                   | 2080-LC50-24QBB  | —       | —             | 14            | —      | —       | 10            | —           | —                        | —                                        | 2 (PTO/PWM)                    | 4                                   |
|                   | 2080-LC50-24QVB  | —       | —             | 14            | —      | —       | —             | 10          | —                        | —                                        | 2 (PTO/PWM)                    | 4                                   |
|                   | 2080-LC50-24QWB  | —       | —             | 14            | —      | 10      | —             | —           | —                        | —                                        | —                              | 4                                   |
|                   | 2080-LC50-48AWB  | 28      | —             | —             | —      | 20      | —             | —           | —                        | —                                        | —                              | —                                   |
|                   | 2080-LC50-48QWB  | —       | —             | 28            | —      | 20      | —             | —           | —                        | —                                        | —                              | 6                                   |
|                   | 2080-LC50-48QBB  | —       | —             | 28            | —      | —       | 20            | —           | —                        | —                                        | 3 (PTO/PWM)                    | 6                                   |
|                   | 2080-LC50-48QVB  | —       | —             | 28            | —      | —       | —             | 20          | —                        | —                                        | 3 (PTO/PWM)                    | 6                                   |

(1) For Micro830 and Micro850, you need firmware revision 6.011 or later to use PWM output.

(2) Maximum number of embedded HSC supported.