

# BX ME MPUs Accessories

## Replacement Terminal Block Connectors

A 5mm removable screw type 90-degree terminal block is included with each BX ME unit. The power connector

replacement connector specifications are listed in the 2 charts below. Also listed in the tables are an optional spring

clamp terminal block and a screw type 180-degree terminal block that can also be used and are sold separately.

### BX-DM1E-M AC Power Supply Connector Specifications

| Part Number              | <b>BX-RTB05</b><br>(included with unit) | <b>BX-RTB05-1</b>                         | <b>BX-RTB05-2</b>                         |
|--------------------------|---|---|---|
| Price (each)             | \$8.50                                  | \$7.00                                    | \$8.00                                    |
| Connector Type           | Screw Type-90 deg                       | Spring Clamp Type-180 deg                 | Screw Type-180 deg                        |
| Wire Exit                | 180 deg                                 | 180 deg                                   | 180 deg                                   |
| Pitch                    | 5.0 mm                                  | 5.0 mm                                    | 5.0 mm                                    |
| Screw Size               | M2.5                                    | N/A                                       | M2.5                                      |
| Recommended Screw Torque | < 3.98 lb-in (0.45 N-m)                 | N/A                                       | < 3.98 lb-in (0.45 N-m)                   |
| Screwdriver Blade Width  | 3.5 mm                                  | 3.5 mm                                    | 3.5 mm                                    |
| Wire Gauge (Single wire) | 28-12 AWG                               | 28-14 AWG                                 | 28-14 AWG                                 |
| Wire Gauge (Two wire)    | 28-16 AWG                               | 28-16 AWG<br>(Dual Wire Ferrule Required) | 28-16 AWG<br>(Dual Wire Ferrule Required) |
| Wire Strip Length        | 0.3 in (7.5 mm)                         | 0.37 in (9.5 mm)                          | 0.37 in (9.5 mm)                          |
| Equiv. Dinkle P/N        | 5ESDV-05P-BK                            | 5ESDSR-05P-BK                             | 5ESDSR-05P-BK                             |



**BX-RTB05**



**BX-RTB05-1**



**BX-RTB05-2**

### BX-DM1E-M-D DC Power Supply Connector Specifications

| Part Number              | <b>BX-RTB03</b>         | <b>BX-RTB03-1</b>                         | <b>BX-RTB03-2</b>       |
|--------------------------|-------------------------|---|-------------------------|
| Price (each)             | \$5.50                  | \$5.00                                    | \$4.50                  |
| Connector Type           | Screw Type-90 deg       | Spring Clamp Type-180 deg                 | Screw Type-180 deg      |
| Wire Exit                | 180 deg                 | 180 deg                                   | 180 deg                 |
| Pitch                    | 5.0 mm                  | 5.0 mm                                    | 5.0 mm                  |
| Screw Size               | M2.5                    | N/A                                       | M2.5                    |
| Recommended Screw Torque | < 3.98 lb-in (0.45 N-m) | N/A                                       | < 3.98 lb-in (0.45 N-m) |
| Screwdriver Blade Width  | 3.5 mm                  | 3.5 mm                                    | 3.5 mm                  |
| Wire Gauge (Single wire) | 28-12 AWG               | 28-14 AWG                                 | 28-12 AWG               |
| Wire Gauge (Two wire)    | 28-16 AWG               | 28-16 AWG<br>(Dual Wire Ferrule Required) | 28-16 AWG               |
| Wire Strip Length        | 0.3 in (7.5 mm)         | 0.37 in (9.5 mm)                          | 0.3 in (7.5 mm)         |
| Equiv. Dinkle P/N        | 5ESDV-03P-BK            | 5ESDSR-03P-BK                             | 5ESDF-03P               |



**BX-RTB03**



**BX-RTB03-1**



**BX-RTB03-2**