

# 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><i>BX-RTB05</i></b><br>(included with unit) | <b><i>BX-RTB05-1</i></b>                  | <b><i>BX-RTB05-2</i></b>                  |
| Price (each)                                       | \$8.50                                         | \$7.00                                    | \$10.00                                   |
| 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><i>BX-RTB03</i></b>  | <b><i>BX-RTB03-1</i></b>                  | <b><i>BX-RTB03-2</i></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**