

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

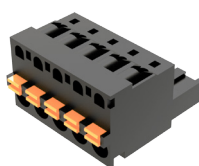
connector specifications are listed in the 2 charts below. Also listed in the tables are an optional spring clamp terminal block

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

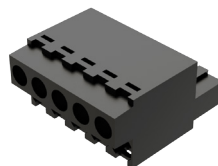
| BX-DM1E-M AC Power Supply Connector Specifications | | | |
|---|---|---|---|
| Part Number | <i>BX-RTB05 (included with unit)</i> | <i>BX-RTB05-1</i> | <i>BX-RTB05-2</i> |
| Price (each) | \$5.00 | \$5.00 | \$5.00 |
| Connector Type | Screw Type-90 deg | Spring Clamp Type-180 deg | Screw Type-180 deg |
| 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 (Dual Wire Ferrule Required) | 28–16 AWG (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

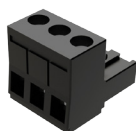


BX-RTB05-1

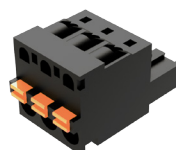


BX-RTB05-2

| BX-DM1E-M-D DC Power Supply Connector Specifications | | |
|---|-------------------------|---|
| Part Number | <i>BX-RTB03</i> | <i>BX-RTB03-1</i> |
| Price (each) | \$3.00 | \$3.00 |
| Connector Type | Screw Type-90 deg | Spring Clamp Type-180 deg |
| Wire Exit | 180 deg | 180 deg |
| Pitch | 5.0 mm | 5.0 mm |
| Screw Size | M2.5 | N/A |
| Recommended Screw Torque | < 3.98 lb-in (0.45 N·m) | N/A |
| Screwdriver Blade Width | 3.5 mm | 3.5 mm |
| Wire Gauge (Single wire) | 28–12 AWG | 28–14 AWG |
| Wire Gauge (Two wire) | 28–16 AWG | 28–16 AWG (Dual Wire Ferrule Required) |
| Wire Strip Length | 0.3 in (7.5 mm) | 0.37 in (9.5 mm) |
| Equiv. Dinkle P/N | 5ESDV-03P-BK | 5ESDSR-03P-BK |



BX-RTB03



BX-RTB03-1