

BX 10/10E MPUs Accessories

BX 10/10E MPU Wiring Termination Selection

The BX 10/10E MPUs ship without wiring terminals. This enables you to select the termination solution that

best fits your application. Several wiring options are available, including removable screw terminal connectors,

removable spring clamp terminal connectors and prewired **ZIP**Link cable solutions.

Terminal Block Connectors

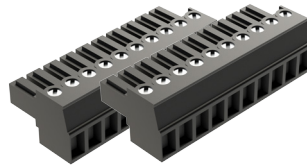
The terminal block connectors are provided in kits and can be easily ordered as a single part number to receive all the terminal block connectors needed. Each

kit for the BX 10/10E MPU comes with two (2) 10-pin 3.8 mm terminal blocks. On the BX 10/10E MPUs the terminals are organized into groups consisting of

3 inputs with an isolated common and 2 outputs with an isolated common. For example, inputs X0-X2 are in a group with their common terminal.

BX-RTB10 Screw Terminal Block Kit

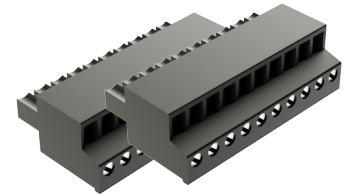
This terminal block kit includes 2 10-pin 3.8 mm terminal blocks (BX-RTB10). These are 90-degree screw terminal blocks. Wire is 180-degree pass through.



BX-RTB10

BX-RTB10-2 Screw Terminal Block Kit

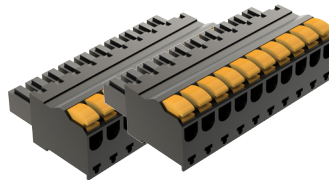
This terminal block kit includes (2) 10-pin 3.8 mm terminal blocks (BX-RTB10-2). These are 180-degree screw terminal blocks. Wire is 180-degree pass through.



BX-RTB10-2

BX-RTB10-1 Screw Terminal Block Kit

This terminal block kit includes 2 10-pin 3.8 mm terminal blocks (BX-RTB10-1). These are 90-degree screw terminal blocks. Wire is 180-degree pass through.



BX-RTB10-1

| Removable Terminal Block Specifications | | | |
|---|-----------------------|--|-----------------------|
| Part Number | BX-RTB10 | BX-RTB10-1 | BX-RTB10-2 |
| Price (pkg) | \$12.50 | \$12.50 | \$12.50 |
| Connector Type | Screw Type-90-degree | Spring Clamp Type-180-degree | Screw Type-180-degree |
| Wire Exit | 180-degree | 180-degree | 180-degree |
| Pitch | 3.81 mm | 3.81 mm | 3.81 mm |
| Screw Size | M2 | N/A | M2 |
| Recommended Screw Torque | <1.77 lb-in (0.2 N·m) | N/A | <1.77 lb-in (0.2 N·m) |
| Screwdriver Blade Width | 2.5 mm | 2.5 mm | 2.5 mm |
| Wire Gauge (Single Wire) | 28–16 AWG | 28–18 AWG | 30–16 AWG |
| Wire Gauge (Dual Wire) | 28–16 AWG | 30–20 AWG (Dual Wire Ferrule Required) | 30–18 AWG |
| Wire Strip Length | 0.24 in (6mm) | 0.35 in (9mm) | 0.26 in (6.5 mm) |
| Equiv. Dinkle part # | EC381V-10P-BK | ESC381V-10-BK | EC381F-10P-BK |