

# BX 36/36E MPUs Accessories

## BX 36/36E Wiring Termination Selection

The BX 36/36E MPUs ship without wiring terminals. This enables you to select the termination type that best suits your application. Several removable terminal

block options are available, including screw terminals, spring clamp terminals, as well as pre-wired **ZIPLink** module and cable solutions.

## Terminal Block Connectors

The terminal block connectors are provided in kits and can be easily ordered as a single part number. Each kit contains all the terminal block connectors required: (12) 5-pin 5mm terminal blocks.

The BX 36/36E MPUs terminals are configured into groups consisting of 4 inputs and

4 outputs each with an isolated common. For example, inputs X0–X3 are grouped with a common terminal. The groups are isolated such that a single 5-pin connector can be removed without affecting another group of I/O or the external power source.



**BX-RTB36**

### **BX-RTB36** Screw Terminal Block Kit

This terminal block kit includes (12), 5-pin 5mm, 90-degree screw terminal blocks with 180-degree wire pass through. It fits all BRX 36-point MPUs.



**BX-RTB36-1**

### **BX-RTB36-1** Spring Terminal Block Kit

This terminal block kit includes (12) 5-pin, 5mm, 180-degree spring clamp wire terminal blocks. It fits all BRX 36-point MPUs.

| Removable Terminal Block Specifications |                         |   |
|---|-------------------------|---|
| Part Number                             | <b>BX-RTB36</b>         | <b>BX-RTB36-1</b>                         |
| Price                                   | \$29.50                 | \$29.50                                   |
| Connector Type                          | Screw Type-90-degree    | Spring Clamp Type-180-degree              |
| Wire Exit                               | 180-degree              | 180-degree                                |
| Pitch                                   | 5.0 mm                  | 5.0 mm                                    |
| Screw Size                              | M2.5                    | N/A                                       |
| 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 (Dual Wire)                  | 28–16 AWG               | 28–16 AWG<br>(Dual wire ferrule required) |
| Wire Strip Length                       | 0.3 in (7.5 mm)         | 0.37 in (9.5 mm)                          |
| Equiv. Dinkle P/N                       | 5ESDV-05P-BK            | 5ESDSR-05P-BK                             |