### Terminal Block Connection Options

**EX-RTB18** Terminal block kit, 90° screw type, fits all 2RF 18-point PLCs includes 25-pin plug, 1 3-pin 5mm plug.

**EX-RTB18-I** Terminal block kit, 90° screw type, fits all 2RF 18-point PLCs includes 25-pin plug, 1 3-pin 5mm plug.

**EX-PLC-15** ZL-PLC PLC I/O cable, 15-position terminal block to 24-pin connector, 2AWG, 0.5 meter (1.6 ft), 2 required.

**EX-PLC-15-I** ZL-PLC PLC I/O cable, 15-position terminal block to 24-pin connector, 2AWG, 1 meter (3.3 ft), 2 required.

**EX-PLC-15L-2** ZL-PLC PLC I/O cable, 15-position terminal block to 24-pin connector, 2AWG, 2 meters (6.6 ft), 2 required.

**EX-PLC-15L-15** ZL-PLC PLC I/O cable, 15-position terminal block to 2-gigabit connection, 2AWG, 1 meter (3.3 ft), 2 required.

**EX-PLC-15F-15** ZL-PLC PLC I/O cable, 15-position terminal block to 2-gigabit connection, 2AWG, 2 meters (6.6 ft), 2 required.

**EX-RTB20** ZL-Te-Level Feedthrough Module, 20 pole, 35mm DIN Rail mounted, 2 required.

**EX-RTB20-1** ZL-Te-Level Feedthrough Module, 20 pole, 35mm DIN Rail mounted, 2 required.

### CPU Status Indicators

- **OFF**: Base Power OFF
- **ON**: Base Power ON
- **GND**: Low Battery
- **RUN**: In RUN Mode
- **STOP**: In STOP Mode
- **ERR**: In Error Mode

### CPU Specifications

- **ROM**: 32K memory
- **RAM**: 1K memory
- **Pluggable Module**: RS-232, RS-485, Ethernet 10/100 Base-T, Auto Crossover

### Built-in RS-232/485 Port Specifications

- **Port Name**: DB9 (Male) 7-way connector, 24AWG, 1 meter (3.3 ft), 2 required.
- **Character Set**: Unicode UTF-8
- **Transfer Rate**: up to 115200 Baud
- **Data Format**: 1 start bit, 8 data bits, 1 stop bit
- **Parity**: Odd
- **Flow Control**: None

### Built-in Ethernet Specifications

- **Port Name**: Ethernet Port, 10/100Base-T
- **Description**: Standard transformer isolated Ethernet port with built-in surge protection
- **Transfer Rate**: 100BaseT(X), 1000BaseT(X)
- **Data Format**: 1 start bit, 8 data bits, 1 stop bit
- **Parity**: None
- **Flow Control**: None

### Agency Approvals

- **UL61010-2**<br>Canada and USA
- **CSA C22.2 No.11611**

### Terminals Block Connector Specifications

- **Part Number**: EX-RTB03S, EX-RTB18, EX-RTB18-I
- **Connector Type**: Screw Type-90°
- **Screw Type-90°**: Screw Type-90°
- **Spring Clamp Type-90°**: Screw Type-90°
- **No**: Screw Type-90°
- **Pitch**: 5mm
- **Width**: 4.35mm
- **Height**: 5.0mm

### Power Supply Specifications

- **Nominal Voltage Rating**: 100–240 VAC
- **Input Voltage Range**: 90–264 VAC
- **Rated Operating Frequency**: 50–60 Hz
- **Maximum Input Power**: 80 W
- **Cooling Method**: Natural Air
- **Input Voltage (isolation)**: 24VDC @ 0.3A max, <1V P-P Ripple, 8W Max
- **Temperature Range**: –20°C to 85°C

### Additional Information

- **Adapters**: EX-RTB03S, EX-RTB18, EX-RTB18-I
- **Cable Recommendations**: RS-232 use L19727-XXX from AutomationDirect.com
- **I/O Terminal Blocks sold separately.**

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**Note:** When using RS-485, a terminator resistor is built-in and software selectable.

**WARNING:** To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of these codes. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

**Equipment damage or serious injury to person can result from**

- **Do not attempt to Hot Swap** without any obligation. This publication may also discuss features or changes to the products and/or publications at any time without notice.

**If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.**

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**IMPORTANT!**


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**Hot-Swapping Information**

Note: This device cannot be Hot Swapped.