



# RJ12 and RJ45 Feedthrough Modules

The RJ12 and RJ45 feedthrough modules provide convenient break-out of wiring to terminal blocks.

Modules mount on 35mm DIN rail (part #DN-R35S1) or 15mm DIN rail (part #DN-R15S1).



**ZL-RTB-RJ12**



**ZL-RTB-RJ45**

| Specifications                                       |                                                                                                                                                   |                                            |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|                                                      | Part #                                                                                                                                            |                                            |
|                                                      | <u>ZL-RTB-RJ12</u>                                                                                                                                | <u>ZL-RTB-RJ45</u>                         |
| <b>Price</b>                                         | \$29.00                                                                                                                                           | \$37.50                                    |
| <b>Pcs/Pkg</b>                                       | 1                                                                                                                                                 |                                            |
| <b>Weight (lbs)</b>                                  | 0.32                                                                                                                                              | 0.45                                       |
| <b>Description <sup>3</sup></b>                      | RJ12 Connector to terminal block                                                                                                                  | RJ45 Connector to terminal block           |
| <b>UL Voltage Rating <sup>1</sup></b>                | 30VDC                                                                                                                                             |                                            |
| <b>Maximum Current per Circuit</b>                   | 1A                                                                                                                                                |                                            |
| <b>Number of Circuits</b>                            | 6                                                                                                                                                 | 8                                          |
| <b>Terminal Block Contacts</b>                       | Copper alloy, tin-lead plated                                                                                                                     |                                            |
| <b>Wire Range (Rated Cross Section) <sup>2</sup></b> | 12–24 AWG Solid or Stranded Copper Conductor (2.5 mm <sup>2</sup> )                                                                               |                                            |
| <b>Wire Strip Length</b>                             | 0.24–0.27 in (6–7 mm)                                                                                                                             |                                            |
| <b>Screw Torque</b>                                  | 4.4 in·lbs (0.5 N·m)                                                                                                                              |                                            |
| <b>Surrounding Temperature Range</b>                 | 32 to 140°F (0 to 60°C)                                                                                                                           |                                            |
| <b>Cable/Wire Clearance</b>                          | 0.5 in (12.7 mm) Required                                                                                                                         |                                            |
| <b>Mounting Restrictions</b>                         | None                                                                                                                                              |                                            |
| <b>Connecting Cables<br/>(Sold Separately)</b>       | ZL-RJ12-CBL-2,<br>ZL-RJ12-CBL-2P,<br>GS-RJ12-CBL-2,<br>SVC-232RJ12-CBL-2<br>Click on link: <a href="#">Connection Cable Specifications Tables</a> | Cat5e Cable w/RJ45 connectors              |
| <b>Approvals</b>                                     | File # E200031 UL, cUL, Class 1, Division 2, Groups A,B,C,D Hazardous Locations, CE, EN 61131-2:2007                                              | File # E139594 UL, cUL, CE EN 61131-2:2007 |

<sup>1</sup> Use Class 2 power supply.

<sup>2</sup> Use conductors rated for 60°/75°C.

<sup>3</sup> Connecting cables are for internal wiring only.

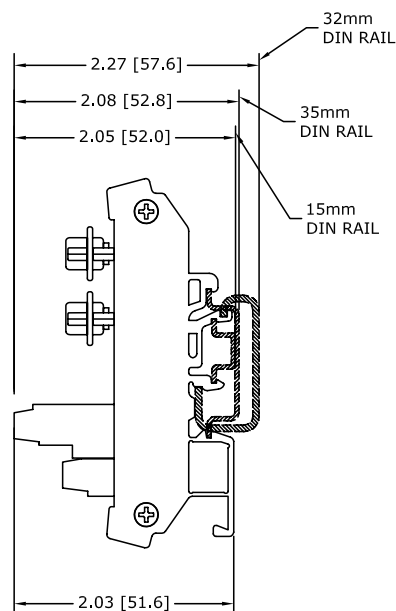
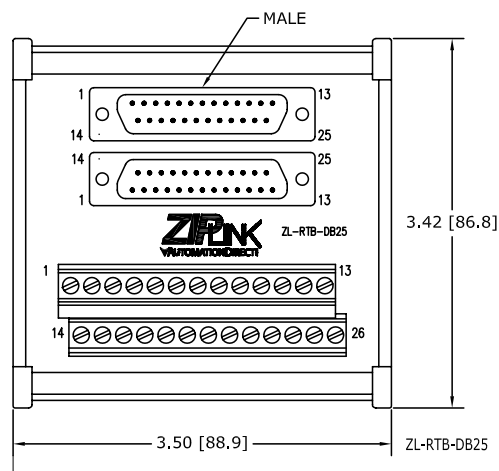


**Note:** See wiring details and dimensional drawings on our Web site at:  
<http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>.

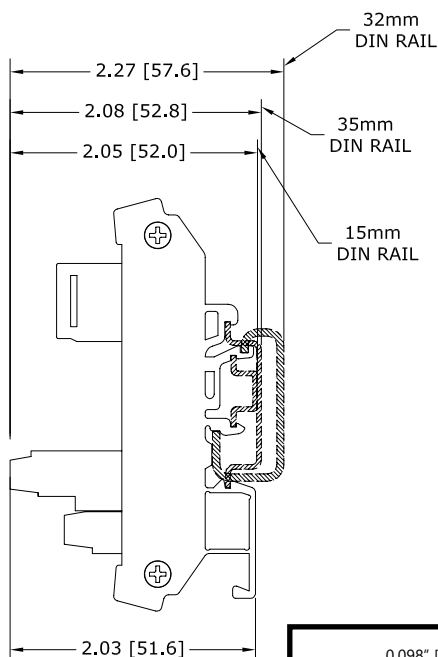
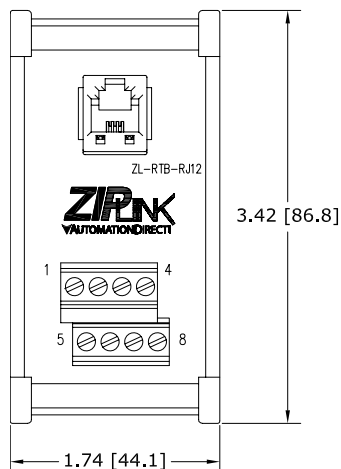
# ZIP LINK<sup>®</sup> Module Dimensions

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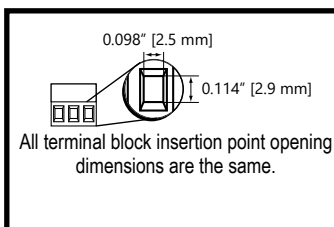
## ZL-RTB-DB09/15/25



## ZL-RTB-RJ12



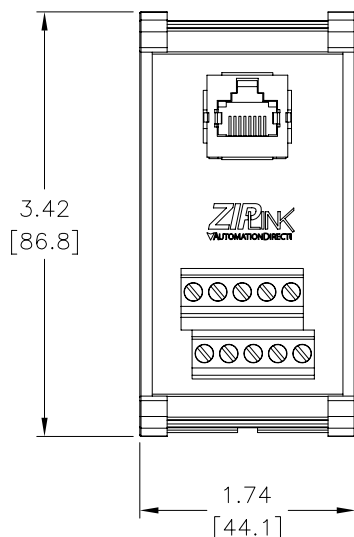
Note: Dimensions shown in Inches [mm]



# ZIP LINK<sup>®</sup> Module Dimensions

AUTOMATIONDIRECT<sup>®</sup>

## ZL-RTB-RJ45



Note: Dimensions shown in Inches [mm]

